

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW112322\
 Data File : VW029340.D
 Acq On : 24 Nov 2022 10:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: Nov 25 00:24:57 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112322WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Nov 24 04:08:22 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.609	114	314061	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.844	117	273315	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.239	152	138216	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	95973	4.966	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.400%
7) Chloroethane-d5	1.564	69	70457	4.980	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.600%
11) 1,1-Dichloroethene-d2	2.104	63	150436	4.864	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.200%
20) 2-Butanone-d5	3.899	46	146831	45.413	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.820%
24) Chloroform-d	4.339	84	171575	4.973	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.400%
26) 1,2-Dichloroethane-d4	5.027	65	74520	4.910	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.200%
32) Benzene-d6	5.043	84	373029	4.938	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.800%
36) 1,2-Dichloropropane-d6	6.063	67	103378	4.870	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.400%
41) Toluene-d8	7.307	98	350478	4.916	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.400%
43) trans-1,3-Dichloroprop...	7.616	79	40886	4.996	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.000%
46) 2-Hexanone-d5	8.085	63	144806	49.641	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	99.280%
56) 1,1,2,2-Tetrachloroeth...	10.207	84	67397	5.146	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.000%
66) 1,2-Dichlorobenzene-d4	11.612	152	120402	4.986	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.800%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.127	85	105870	4.518	ug/L	99
3) Chloromethane	1.240	50	97467	4.540	ug/L	98
5) Vinyl chloride	1.307	62	101139	4.727	ug/L	100
6) Bromomethane	1.519	94	52292	3.917	ug/L	98
8) Chloroethane	1.584	64	60536	4.761	ug/L	99
9) Trichlorofluoromethane	1.751	101	137612	4.595	ug/L	100
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	74980	4.491	ug/L	100
12) 1,1-Dichloroethene	2.114	96	76039	4.709	ug/L	93
13) Acetone	2.195	43	74756	31.799	ug/L	97
14) Carbon disulfide	2.291	76	214025	4.561	ug/L	99
15) Methyl Acetate	2.439	43	24962	3.695	ug/L	94
16) Methylene chloride	2.503	84	101590	4.117	ug/L	98
17) Methyl tert-butyl Ether	2.767	73	192664	4.666	ug/L	99
18) trans-1,2-Dichloroethene	2.754	96	88295	4.764	ug/L	99
19) 1,1-Dichloroethane	3.182	63	163248	4.894	ug/L	97
21) 2-Butanone	3.982	43	146355	39.768	ug/L	98
22) cis-1,2-Dichloroethene	3.902	96	100223	4.728	ug/L	96
23) Bromochloromethane	4.239	128	40715	4.795	ug/L	96
25) Chloroform	4.365	83	164370	4.719	ug/L	100

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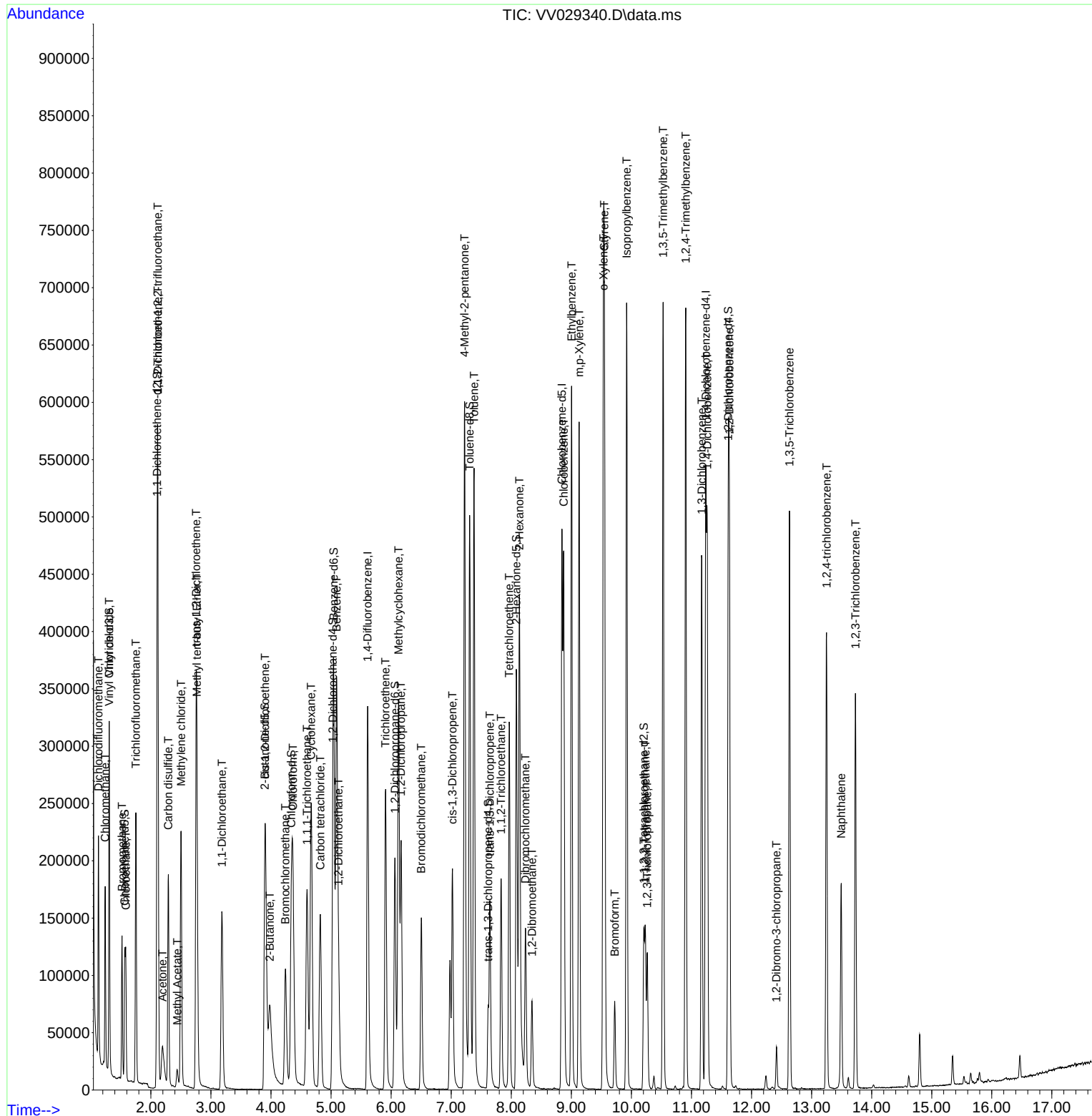
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
27) 1,2-Dichloroethane	5.124	62	85175	4.514	ug/L	100
29) 1,1,1-Trichloroethane	4.600	97	148978	4.739	ug/L	98
30) Cyclohexane	4.667	56	146756	4.723	ug/L	99
31) Carbon tetrachloride	4.821	117	120999	4.551	ug/L	99
33) Benzene	5.092	78	376004	4.600	ug/L	100
34) Trichloroethene	5.905	95	95164	4.563	ug/L	97
35) Methylcyclohexane	6.124	83	156836	4.456	ug/L	99
37) 1,2-Dichloropropane	6.165	63	91323	4.742	ug/L	99
38) Bromodichloromethane	6.503	83	107312	4.655	ug/L	99
39) cis-1,3-Dichloropropene	7.021	75	128705	4.572	ug/L	97
40) 4-Methyl-2-pentanone	7.223	43	414834	46.037	ug/L	100
42) Toluene	7.381	91	407048	4.640	ug/L	99
44) trans-1,3-Dichloropropene	7.644	75	99911	4.481	ug/L	99
45) 1,1,2-Trichloroethane	7.831	97	61649	4.729	ug/L	99
47) Tetrachloroethene	7.966	164	76297	4.463	ug/L	97
48) 2-Hexanone	8.136	43	264775	42.150	ug/L	96
49) Dibromochloromethane	8.236	129	69140	4.715	ug/L	100
50) 1,2-Dibromoethane	8.345	107	54731	4.811	ug/L	99
51) Chlorobenzene	8.873	112	262585	4.788	ug/L	98
52) Ethylbenzene	9.005	91	438089	4.789	ug/L	98
53) m,p-Xylene	9.130	106	169897	4.709	ug/L	99
54) o-Xylene	9.535	106	169565	4.785	ug/L	98
55) Styrene	9.551	104	287905	4.813	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.233	83	66583	4.936	ug/L	99
59) Bromoform	9.722	173	36283	4.997	ug/L	98
60) Isopropylbenzene	9.921	105	451905	5.057	ug/L	100
61) 1,2,3-Trichloropropane	10.265	75	49010	5.113	ug/L	99
62) 1,3,5-Trimethylbenzene	10.529	105	372966	4.820	ug/L	100
63) 1,2,4-Trimethylbenzene	10.905	105	373484	4.799	ug/L	100
64) 1,3-Dichlorobenzene	11.172	146	198218	4.755	ug/L	99
65) 1,4-Dichlorobenzene	11.262	146	194228	4.709	ug/L	100
67) 1,2-Dichlorobenzene	11.631	146	183583	4.780	ug/L	98
68) 1,2-Dibromo-3-chloropr...	12.416	75	8864	4.708	ug/L	93
69) 1,3,5-Trichlorobenzene	12.631	180	156715	4.563	ug/L	99
70) 1,2,4-trichlorobenzene	13.249	180	126768	4.555	ug/L	100
71) Naphthalene	13.493	128	152187	6.316	ug/L	99
72) 1,2,3-Trichlorobenzene	13.731	180	107842	4.760	ug/L	98

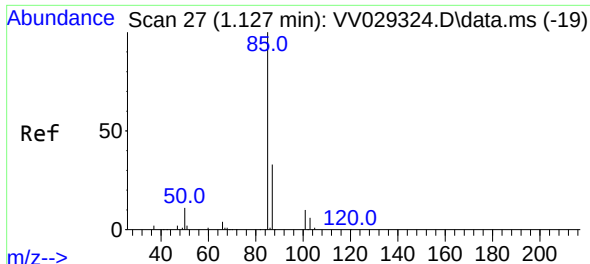
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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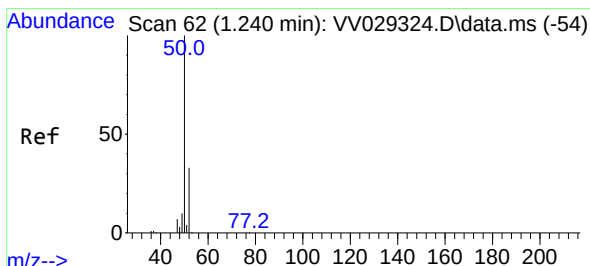
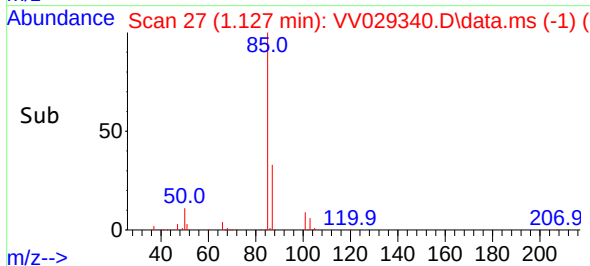
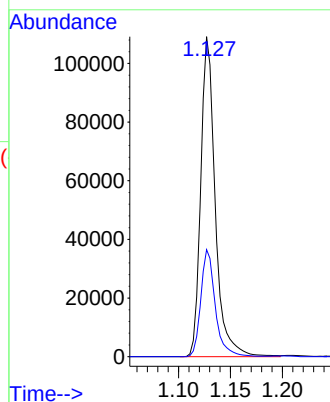
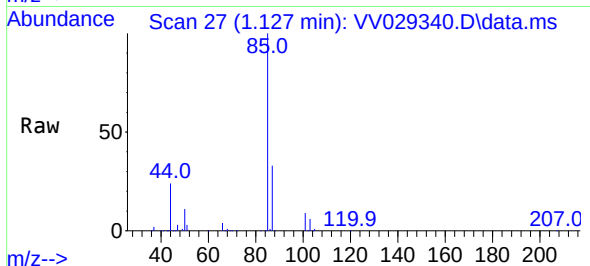




#2
 Dichlorodifluoromethane
 Concen: 4.518 ug/L
 RT: 1.127 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

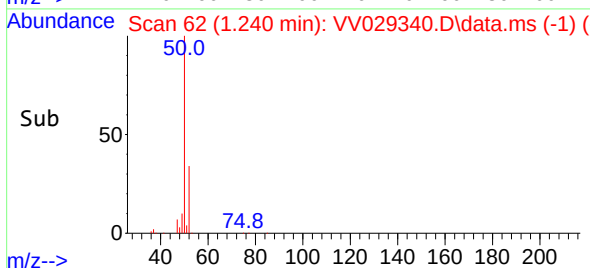
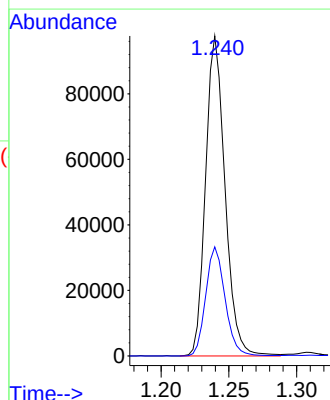
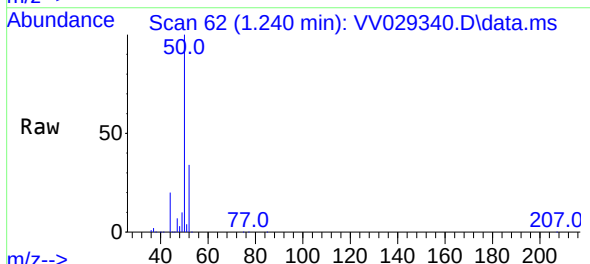
Instrument :
 MSVOA_V
 ClientSampleId :

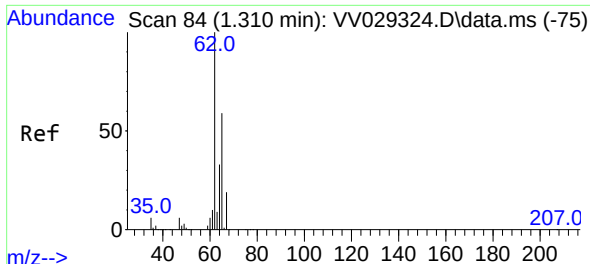
Tgt Ion: 85 Resp: 105870
 Ion Ratio Lower Upper
 85 100
 87 33.4 26.2 39.4



#3
 Chloromethane
 Concen: 4.540 ug/L
 RT: 1.240 min Scan# 62
 Delta R.T. -0.000 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

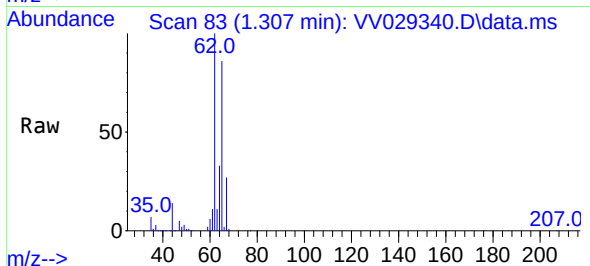
Tgt Ion: 50 Resp: 97467
 Ion Ratio Lower Upper
 50 100
 52 34.1 23.2 43.2



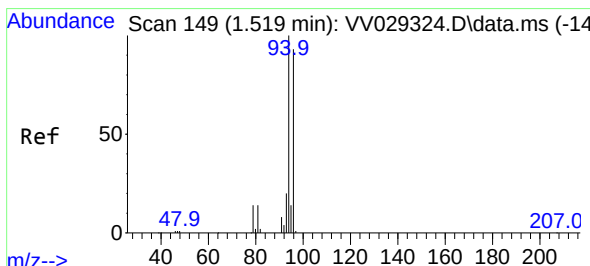
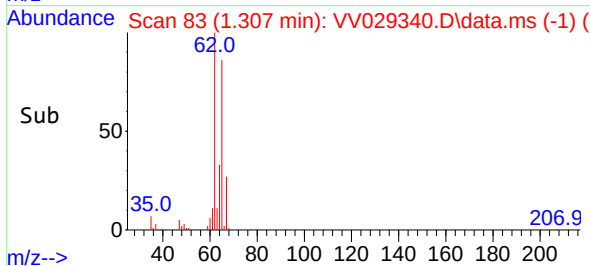
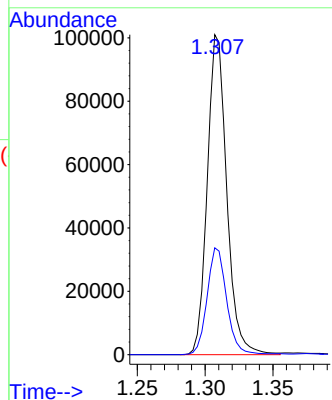


#5
 Vinyl chloride
 Concen: 4.727 ug/L
 RT: 1.307 min Scan# 84
 Delta R.T. -0.003 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

Instrument :
 MSVOA_V
 ClientSampleId :

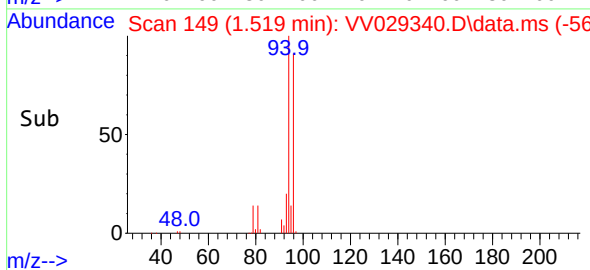
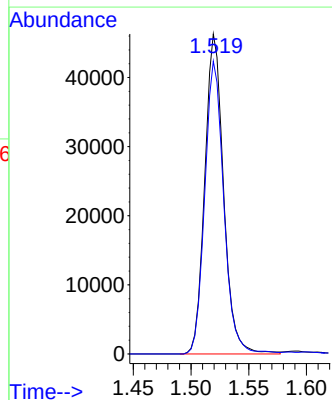
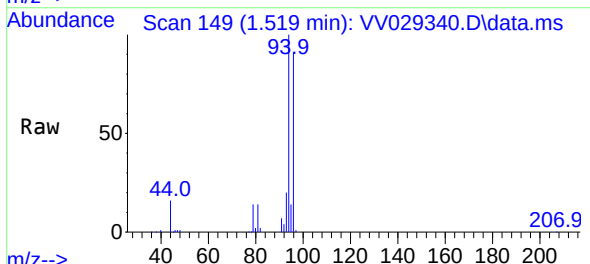


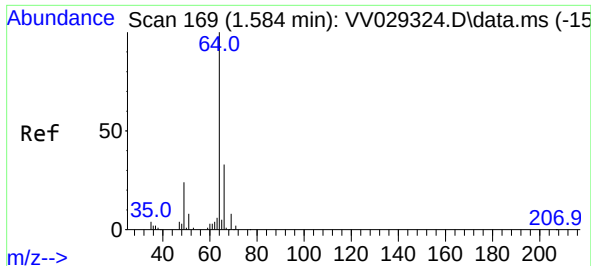
Tgt Ion: 62 Resp: 101139
 Ion Ratio Lower Upper
 62 100
 64 33.4 23.4 43.4



#6
 Bromomethane
 Concen: 3.917 ug/L
 RT: 1.519 min Scan# 149
 Delta R.T. -0.000 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

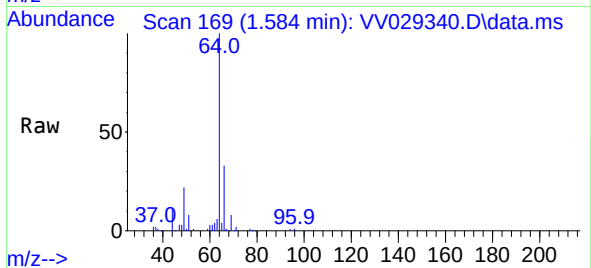
Tgt Ion: 94 Resp: 52292
 Ion Ratio Lower Upper
 94 100
 96 91.5 65.4 121.4



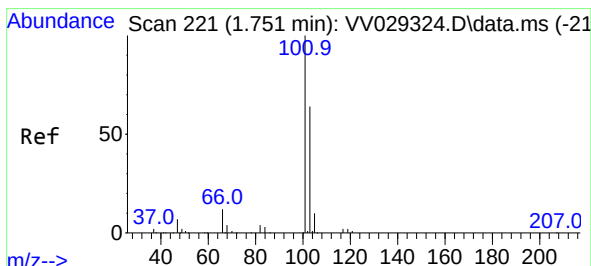
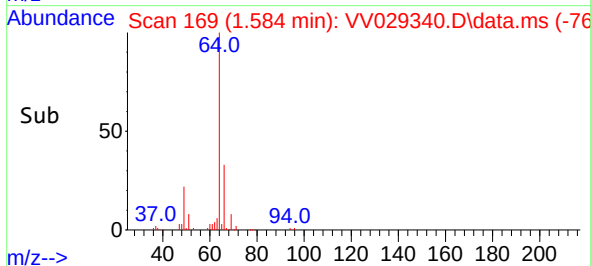
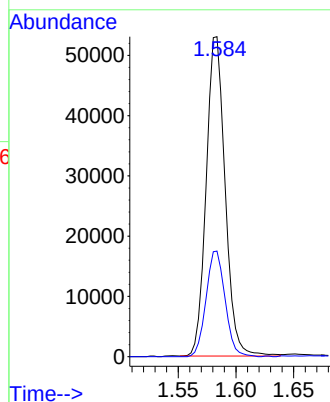


#8
Chloroethane
Concen: 4.761 ug/L
RT: 1.584 min Scan# 169
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

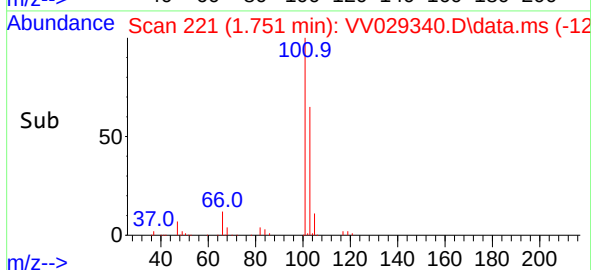
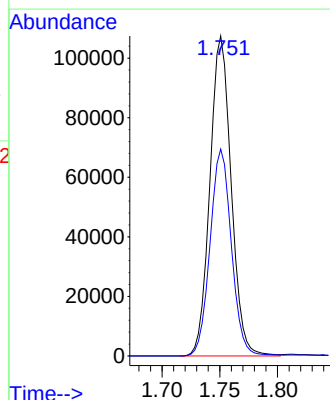
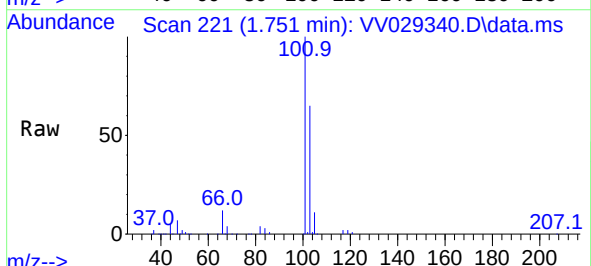


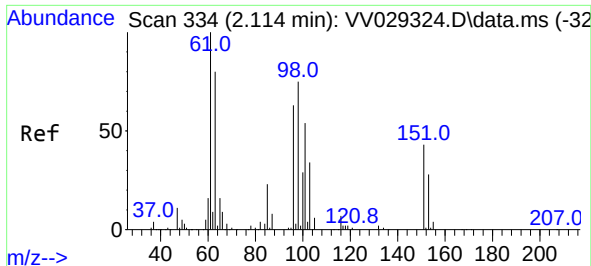
Tgt Ion: 64 Resp: 60536
Ion Ratio Lower Upper
64 100
66 33.0 23.5 43.7



#9
Trichlorofluoromethane
Concen: 4.595 ug/L
RT: 1.751 min Scan# 221
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 101 Resp: 137612
Ion Ratio Lower Upper
101 100
103 64.8 51.8 77.8

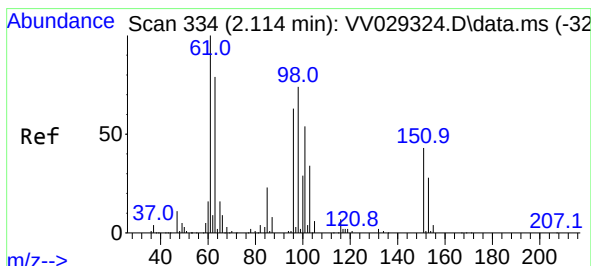
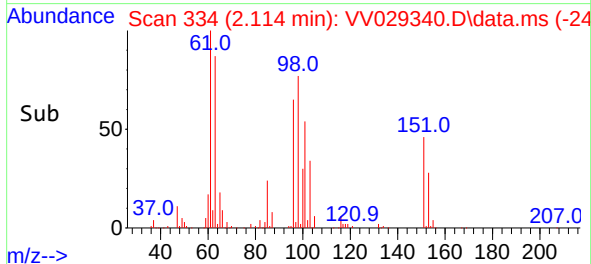
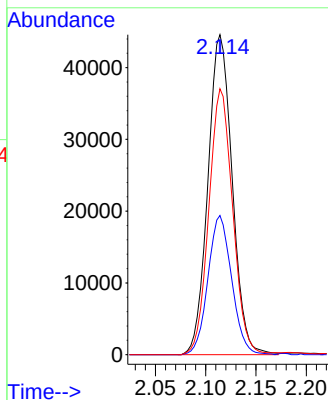
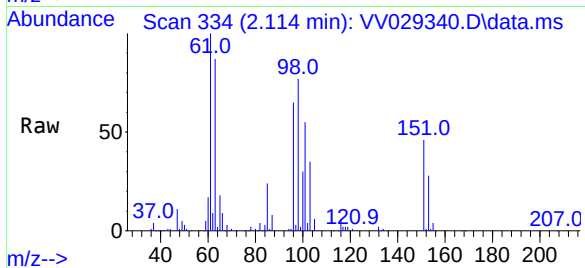




#10
 1,1,2-Trichloro-1,2,2-trifluoroethane
 Concen: 4.491 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

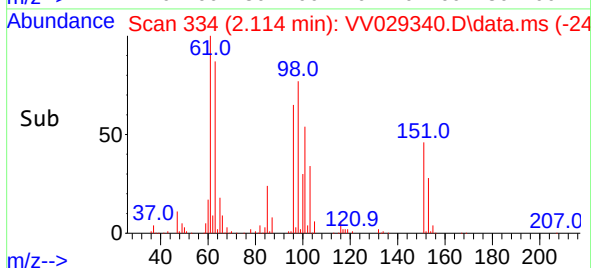
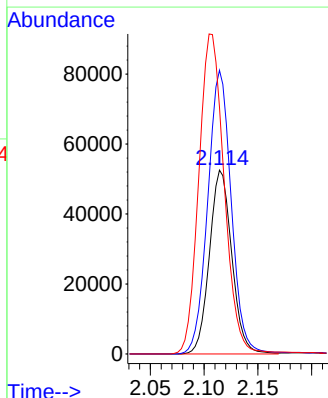
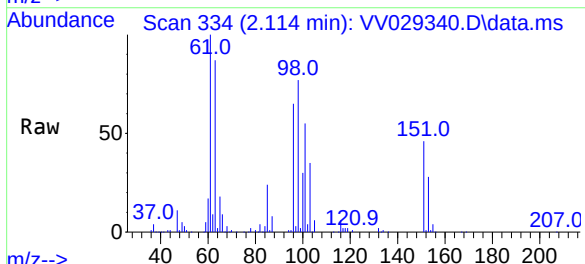
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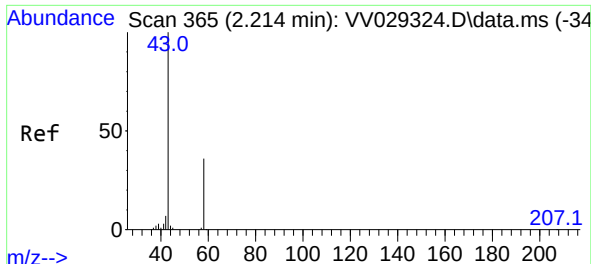
Tgt Ion:101 Resp: 74980
 Ion Ratio Lower Upper
 101 100
 85 42.4 33.6 50.4
 151 81.6 65.3 97.9



#12
 1,1-Dichloroethene
 Concen: 4.709 ug/L
 RT: 2.114 min Scan# 334
 Delta R.T. -0.000 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

Tgt Ion: 96 Resp: 76039
 Ion Ratio Lower Upper
 96 100
 61 154.3 110.3 204.9
 63 134.3 84.4 156.8

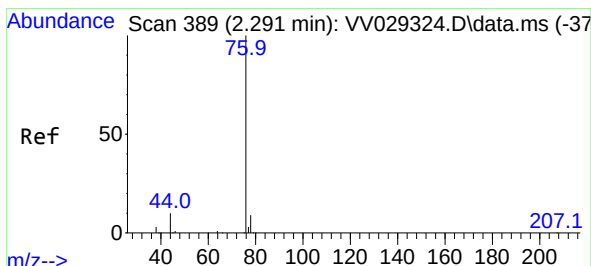
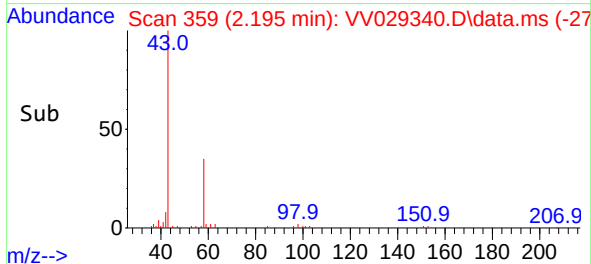
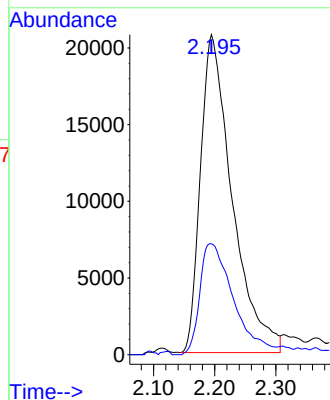
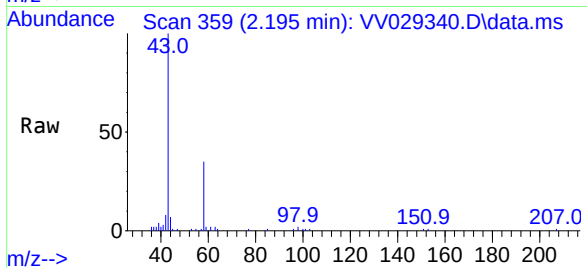




#13
Acetone
Concen: 31.799 ug/L
RT: 2.195 min Scan# 31
Delta R.T. -0.019 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

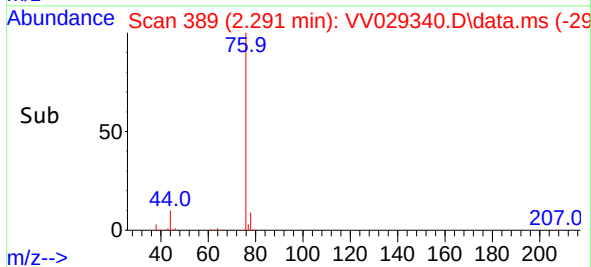
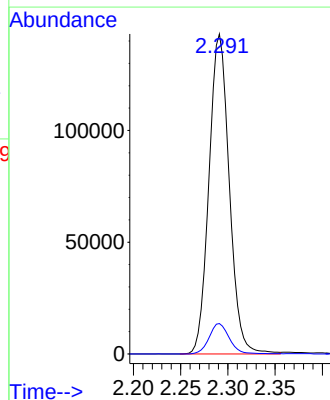
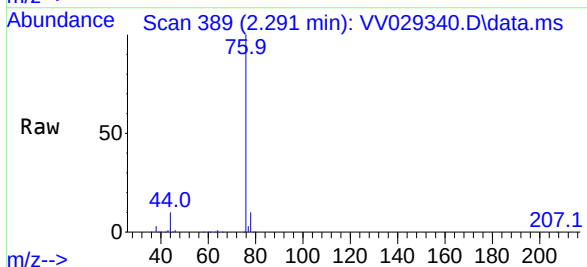
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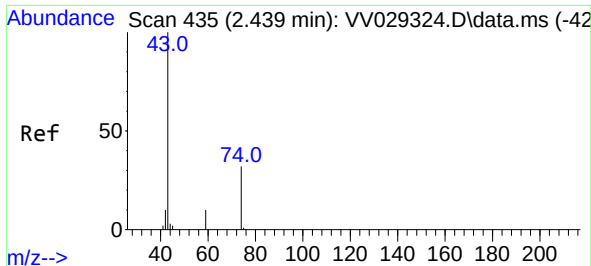
Tgt Ion: 43 Resp: 74756
Ion Ratio Lower Upper
43 100
58 37.0 0.0 70.8



#14
Carbon disulfide
Concen: 4.561 ug/L
RT: 2.291 min Scan# 389
Delta R.T. -0.000 min
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Tgt Ion: 76 Resp: 214025
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2

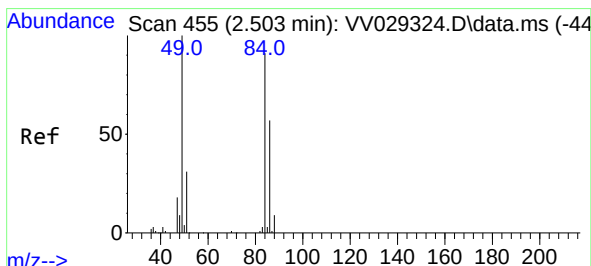
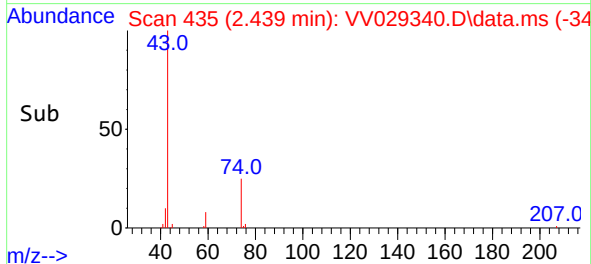
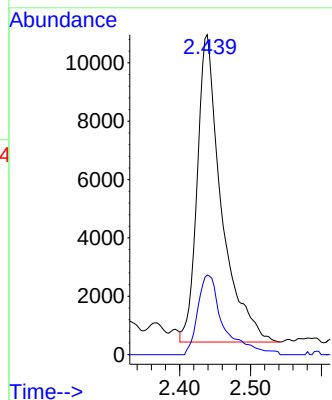
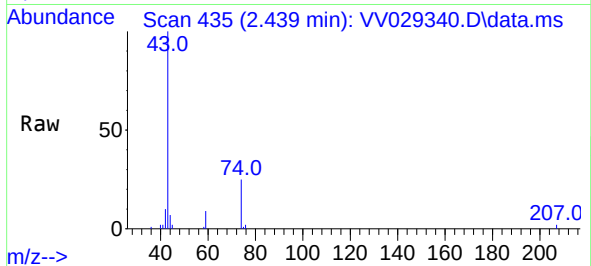




#15
Methyl Acetate
Concen: 3.695 ug/L
RT: 2.439 min Scan# 41
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

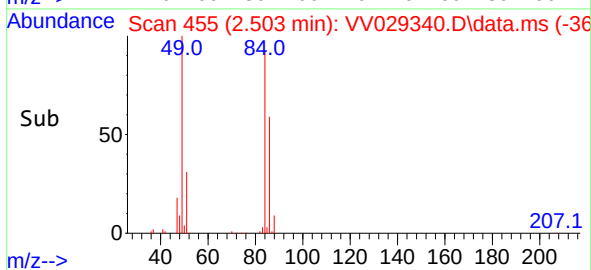
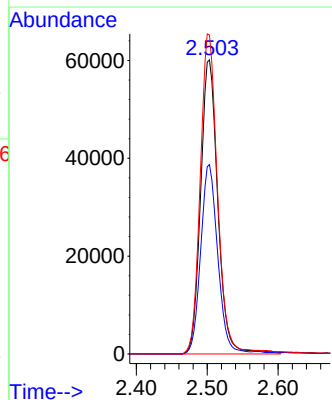
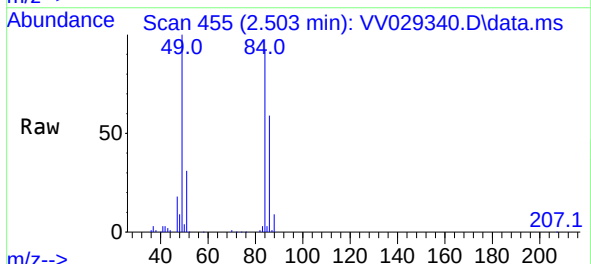
Instrument :
MSVOA_V
ClientSampleId :

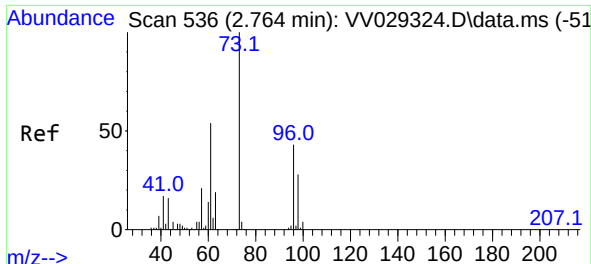
Tgt Ion: 43 Resp: 24962
Ion Ratio Lower Upper
43 100
74 27.5 19.6 29.4



#16
Methylene chloride
Concen: 4.117 ug/L
RT: 2.503 min Scan# 455
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 84 Resp: 101590
Ion Ratio Lower Upper
84 100
86 64.4 45.6 84.6
49 108.4 77.8 144.4

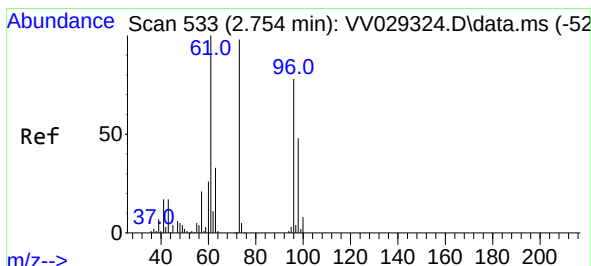
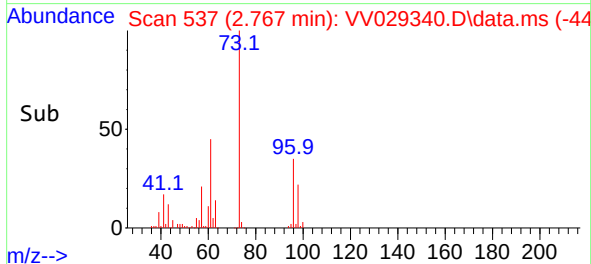
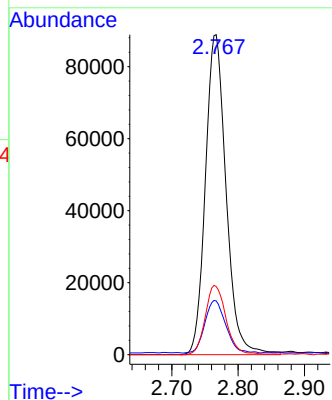
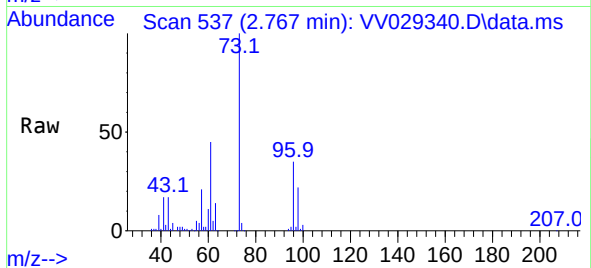




#17
Methyl tert-butyl Ether
Concen: 4.666 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.003 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

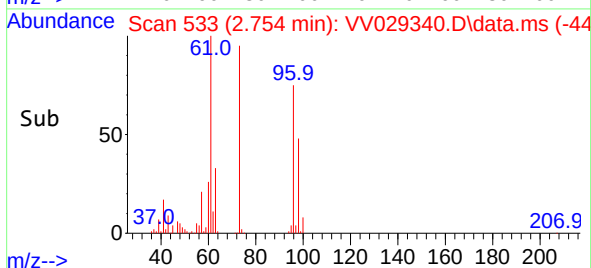
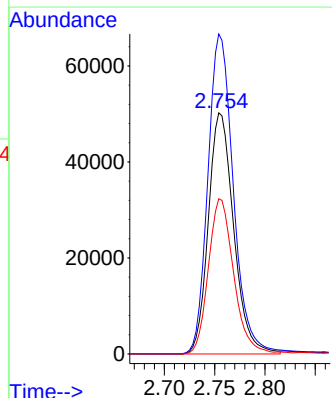
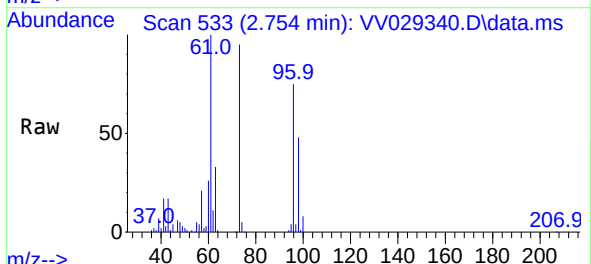
Instrument :
MSVOA_V
ClientSampleId :

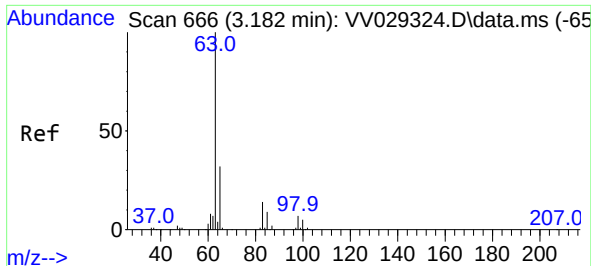
Tgt Ion: 73 Resp: 192664
Ion Ratio Lower Upper
73 100
43 16.5 13.2 19.8
57 21.7 16.9 25.3



#18
trans-1,2-Dichloroethene
Concen: 4.764 ug/L
RT: 2.754 min Scan# 533
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

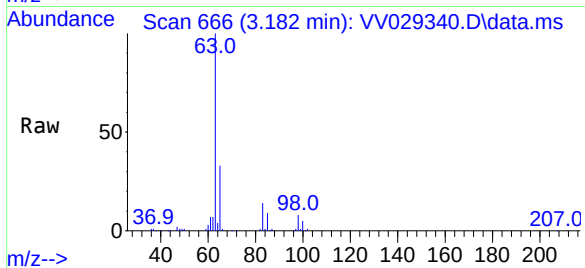
Tgt Ion: 96 Resp: 88295
Ion Ratio Lower Upper
96 100
61 132.7 93.0 172.6
98 64.3 44.0 81.8



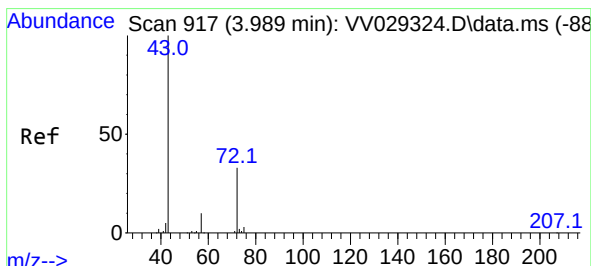
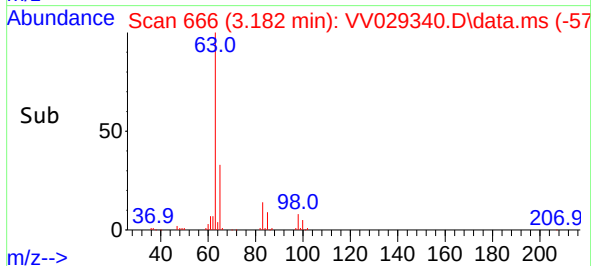
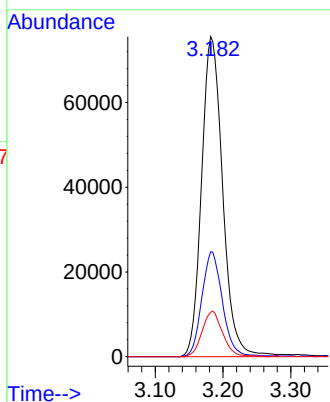


#19
1,1-Dichloroethane
Concen: 4.894 ug/L
RT: 3.182 min Scan# 60
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

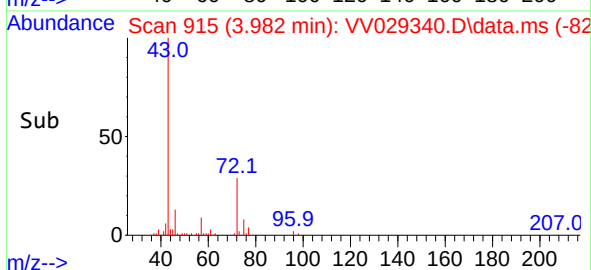
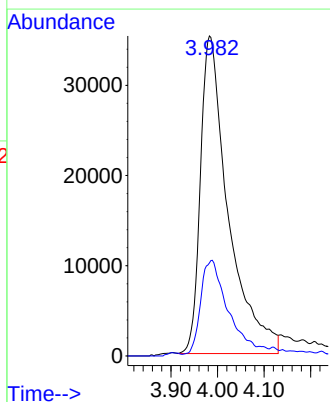
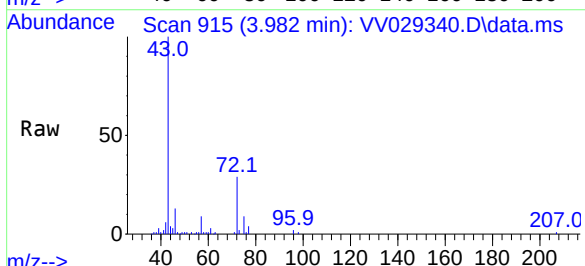


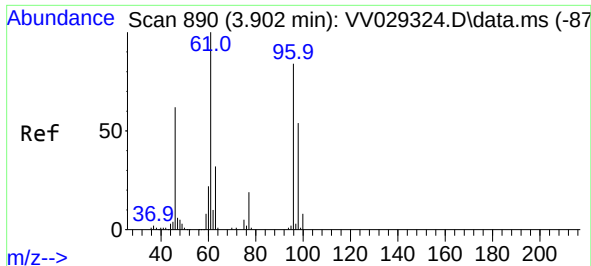
Tgt Ion: 63 Resp: 163248
Ion Ratio Lower Upper
63 100
65 32.8 21.6 40.2
83 13.9 10.3 19.1



#21
2-Butanone
Concen: 39.768 ug/L
RT: 3.982 min Scan# 915
Delta R.T. -0.007 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

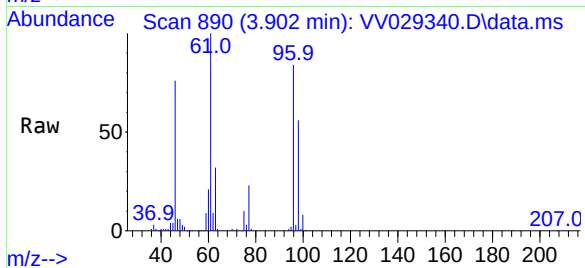
Tgt Ion: 43 Resp: 146355
Ion Ratio Lower Upper
43 100
72 28.5 13.8 41.3





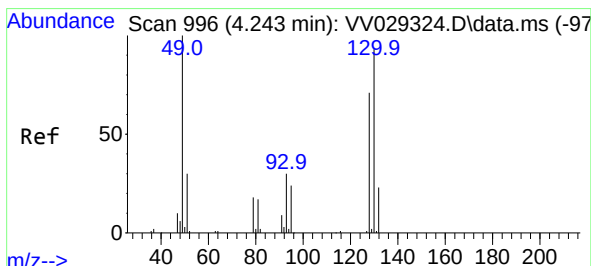
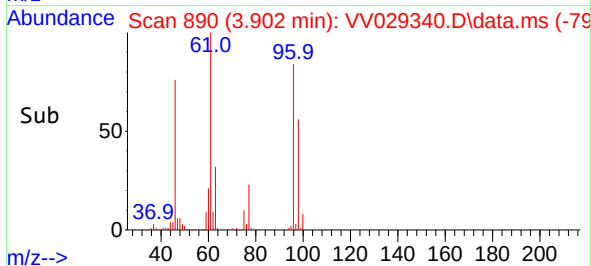
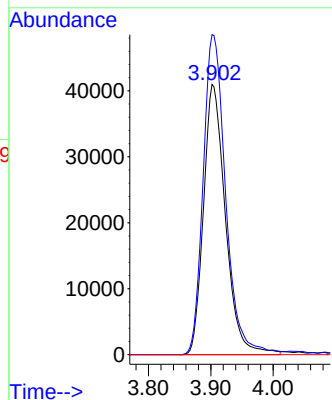
#22
 cis-1,2-Dichloroethene
 Concen: 4.728 ug/L
 RT: 3.902 min Scan# 890
 Delta R.T. -0.000 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

Instrument :
 MSVOA_V
 ClientSampleId :



Tgt Ion: 96 Resp: 100223

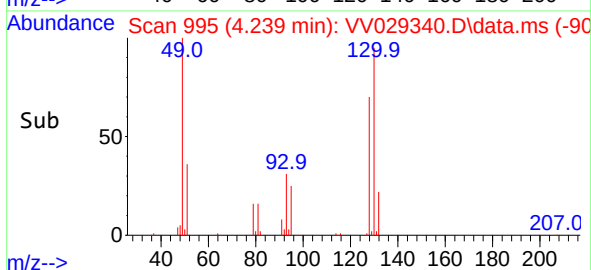
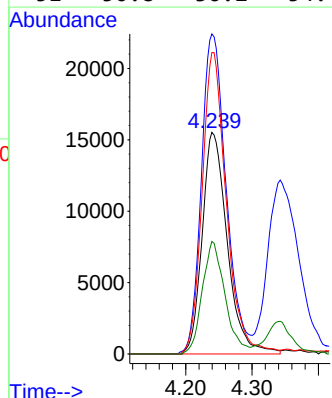
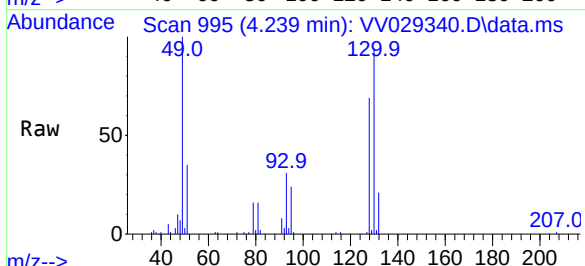
Ion	Ratio	Lower	Upper
96	100		
61	118.4	85.8	159.3
68	0.0	0.0	0.0

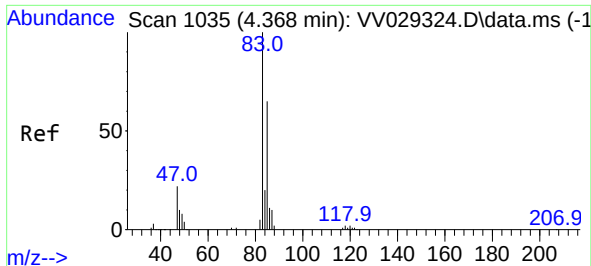


#23
 Bromochloromethane
 Concen: 4.795 ug/L
 RT: 4.239 min Scan# 995
 Delta R.T. -0.003 min
 Lab File: VV029340.D
 Acq: 24 Nov 2022 10:32

Tgt Ion:128 Resp: 40715

Ion	Ratio	Lower	Upper
128	100		
49	144.4	100.0	185.8
130	136.1	90.2	167.6
51	50.8	36.2	54.4





#25

Chloroform

Concen: 4.719 ug/L

RT: 4.365 min Scan# 1035

Delta R.T. -0.003 min

Lab File: VV029340.D

Acq: 24 Nov 2022 10:32

Instrument :

MSVOA_V

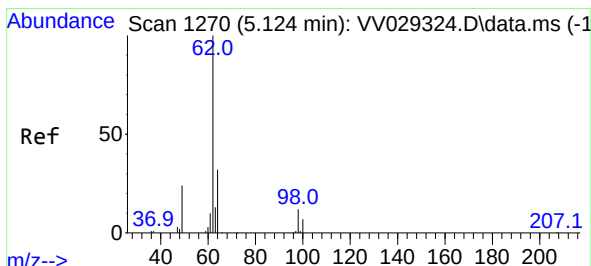
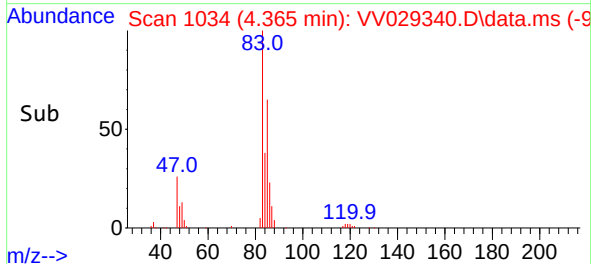
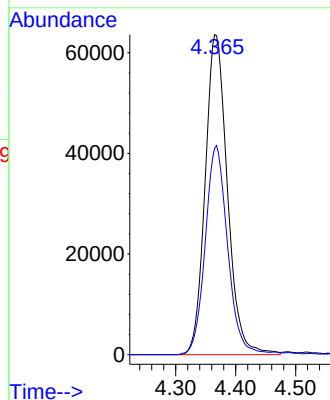
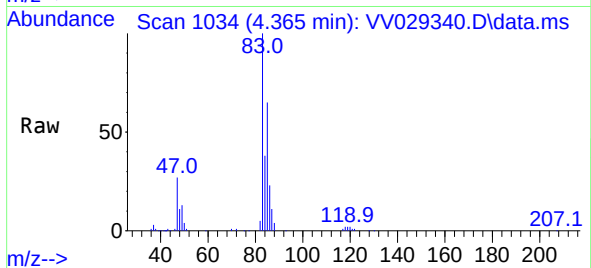
ClientSampleId :

Tgt Ion: 83 Resp: 164370

Ion Ratio Lower Upper

83 100

85 64.6 45.4 84.4



#27

1,2-Dichloroethane

Concen: 4.514 ug/L

RT: 5.124 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VV029340.D

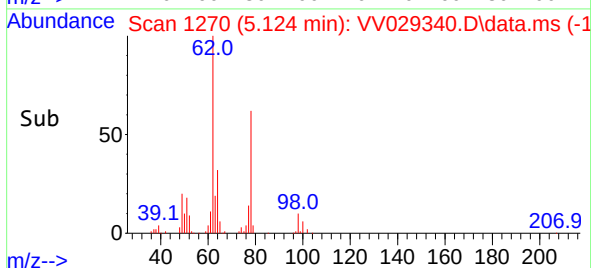
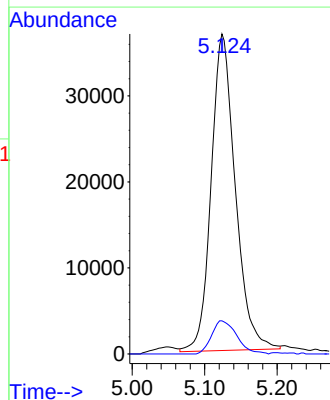
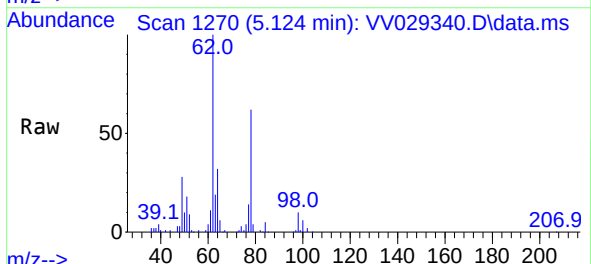
Acq: 24 Nov 2022 10:32

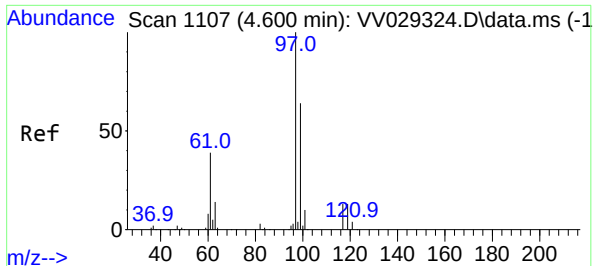
Tgt Ion: 62 Resp: 85175

Ion Ratio Lower Upper

62 100

98 10.4 8.4 12.6

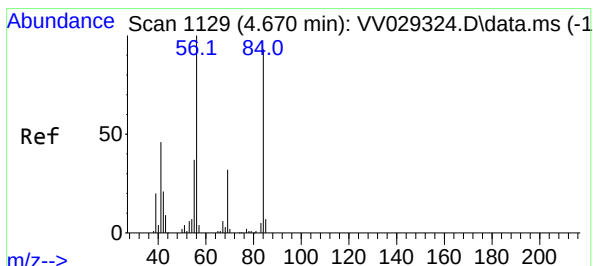
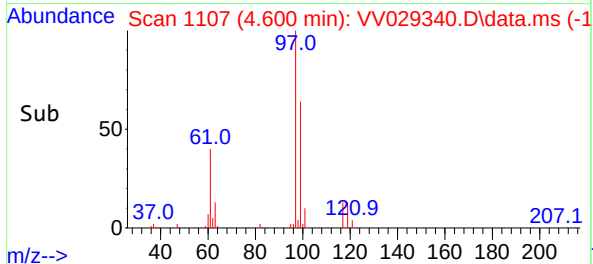
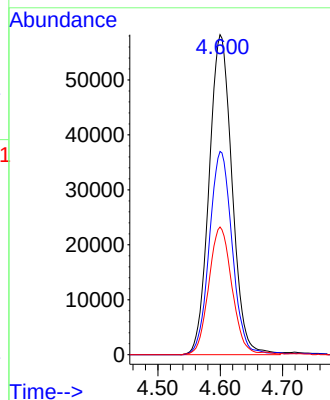
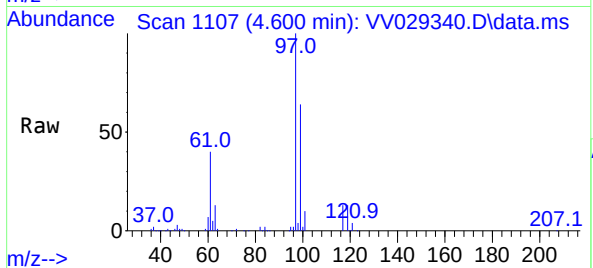




#29
1,1,1-Trichloroethane
Concen: 4.739 ug/L
RT: 4.600 min Scan# 1107
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

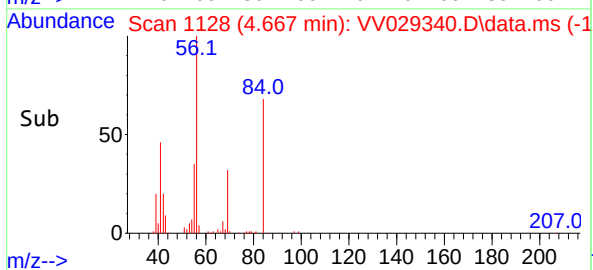
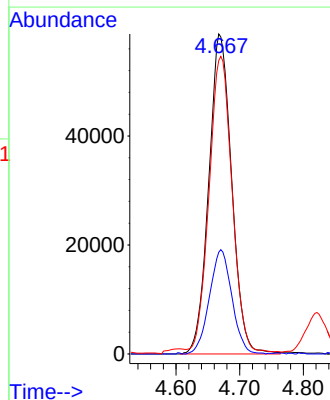
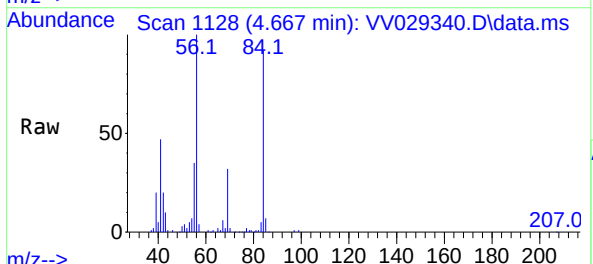
Instrument :
MSVOA_V
ClientSampleId :

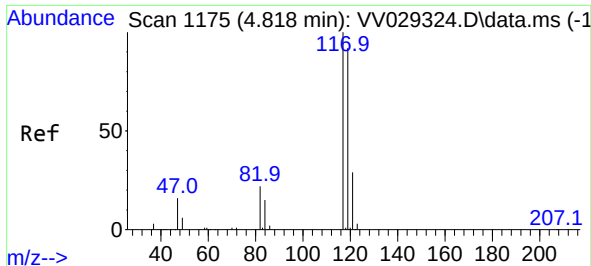
Tgt Ion: 97 Resp: 148978
Ion Ratio Lower Upper
97 100
99 63.1 51.2 76.8
61 40.0 33.3 49.9



#30
Cyclohexane
Concen: 4.723 ug/L
RT: 4.667 min Scan# 1128
Delta R.T. -0.003 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

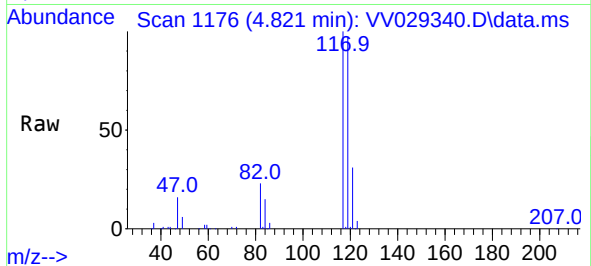
Tgt Ion: 56 Resp: 146756
Ion Ratio Lower Upper
56 100
69 32.0 26.1 39.1
84 93.9 75.6 113.4



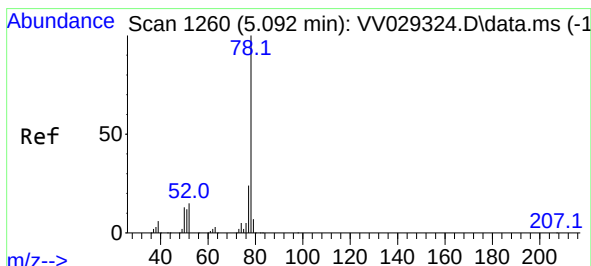
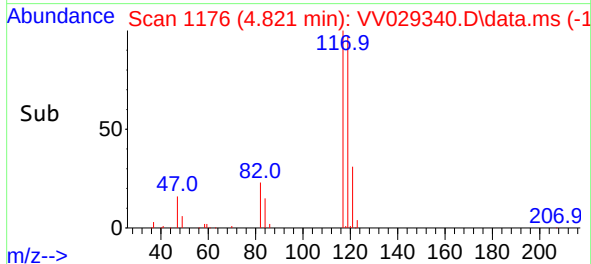
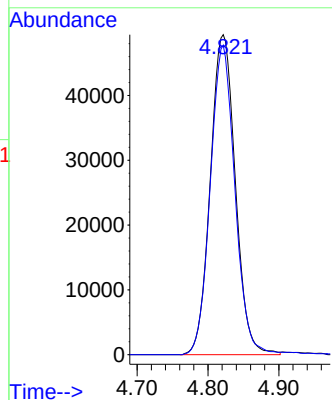


#31
Carbon tetrachloride
Concen: 4.551 ug/L
RT: 4.821 min Scan# 1175
Delta R.T. 0.003 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

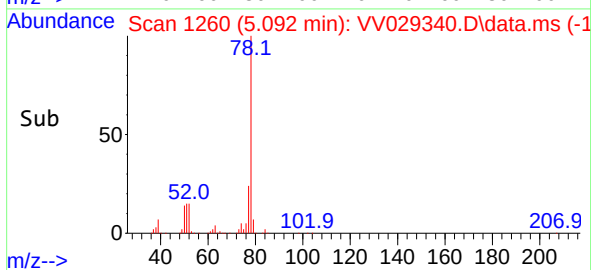
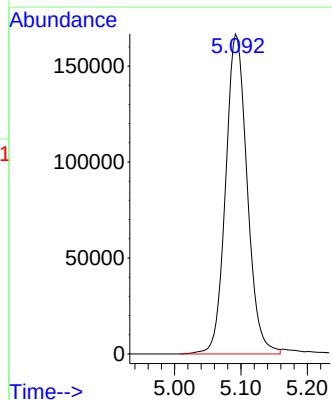
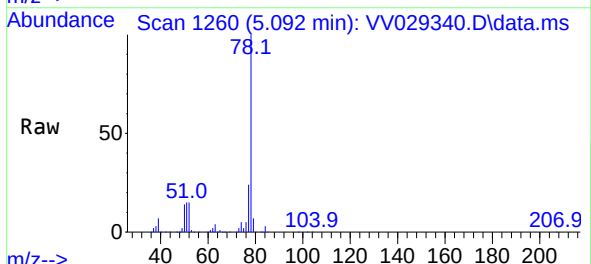


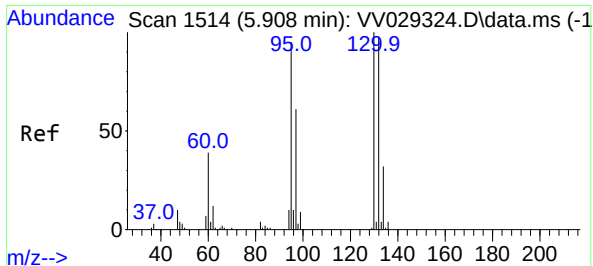
Tgt Ion:117 Resp: 120999
Ion Ratio Lower Upper
117 100
119 95.6 75.7 113.5



#33
Benzene
Concen: 4.600 ug/L
RT: 5.092 min Scan# 1260
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

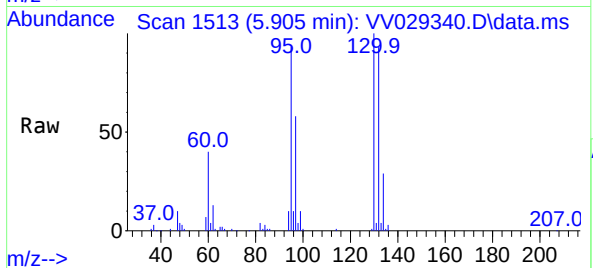
Tgt Ion: 78 Resp: 376004





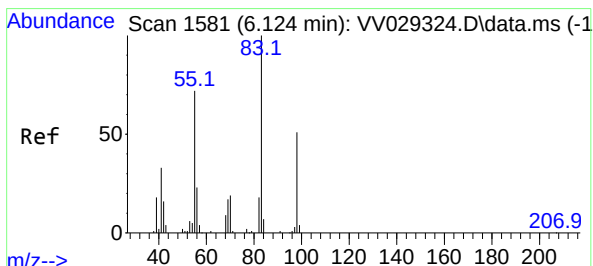
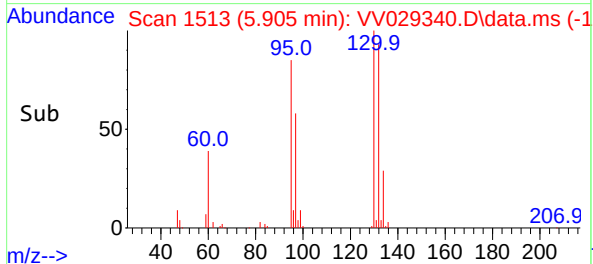
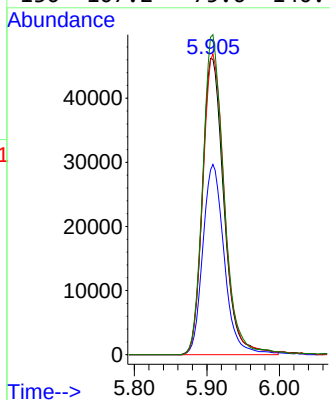
#34
Trichloroethene
Concen: 4.563 ug/L
RT: 5.905 min Scan# 1514
Delta R.T. -0.003 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :



Tgt Ion: 95 Resp: 95164

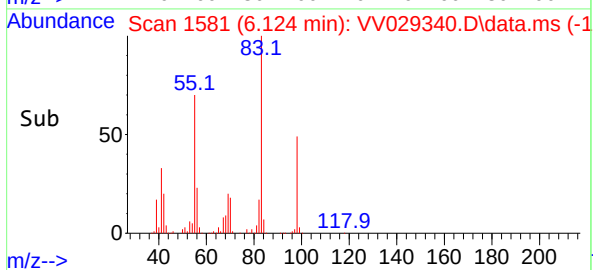
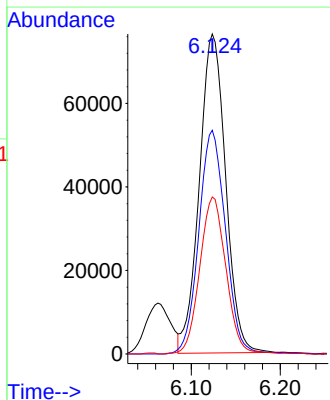
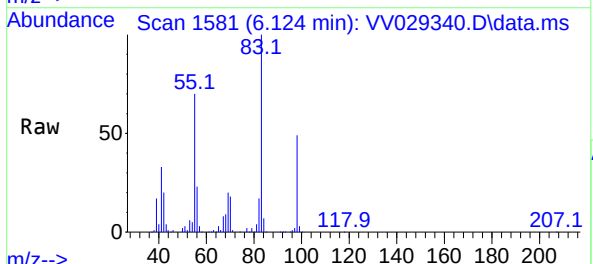
Ion	Ratio	Lower	Upper
95	100		
97	62.3	45.4	84.4
132	99.5	73.3	136.1
130	107.2	75.6	140.4

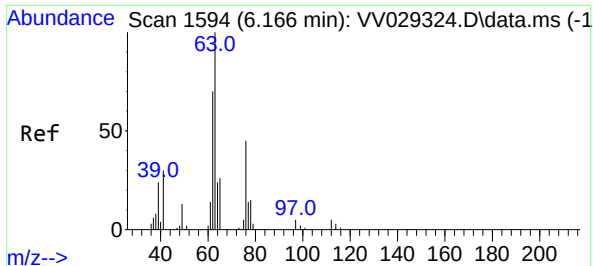


#35
Methylcyclohexane
Concen: 4.456 ug/L
RT: 6.124 min Scan# 1581
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 83 Resp: 156836

Ion	Ratio	Lower	Upper
83	100		
55	71.1	55.4	83.2
98	49.0	39.4	59.2

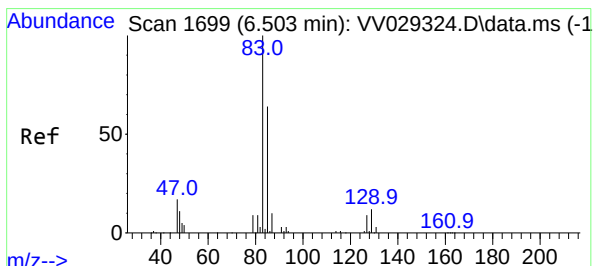
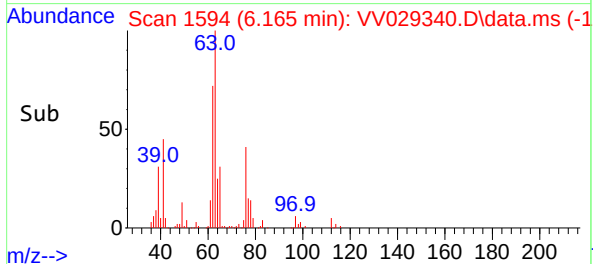
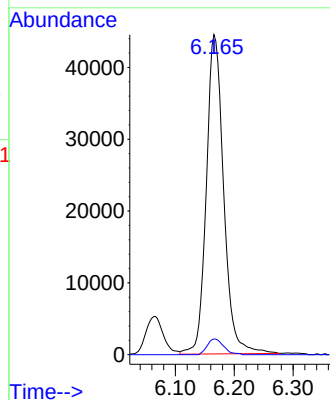
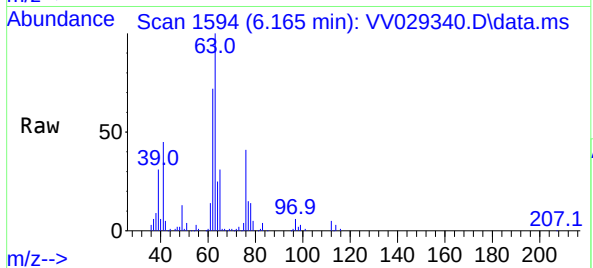




#37
1,2-Dichloropropane
Concen: 4.742 ug/L
RT: 6.165 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

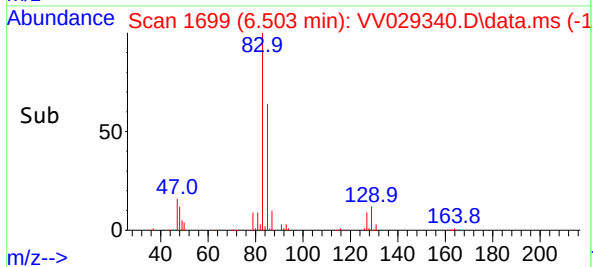
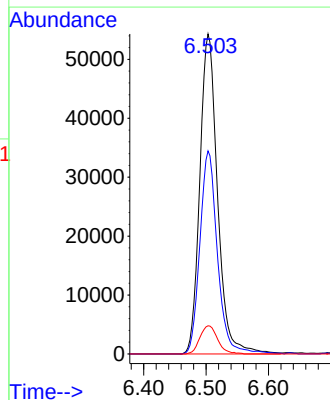
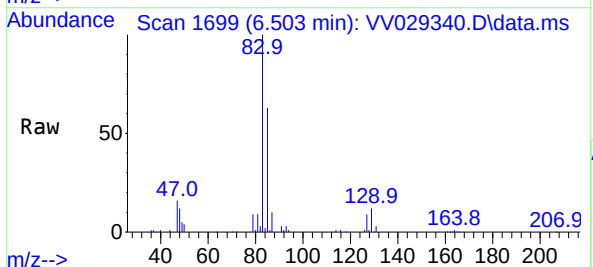
Instrument :
MSVOA_V
ClientSampleId :

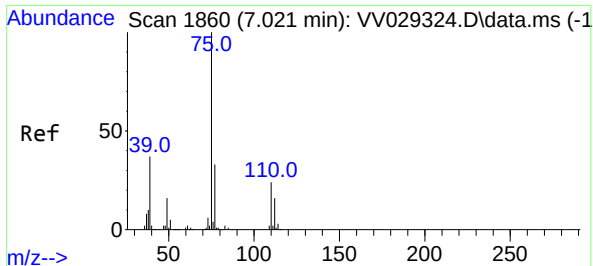
Tgt Ion: 63 Resp: 91323
Ion Ratio Lower Upper
63 100
112 4.7 4.1 6.1



#38
Bromodichloromethane
Concen: 4.655 ug/L
RT: 6.503 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 83 Resp: 107312
Ion Ratio Lower Upper
83 100
85 63.5 44.7 83.1
127 8.8 7.4 11.2

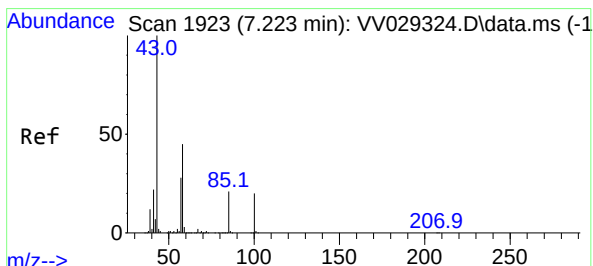
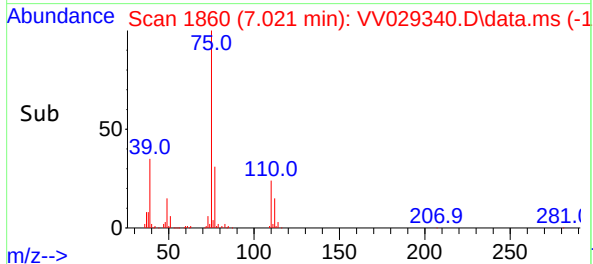
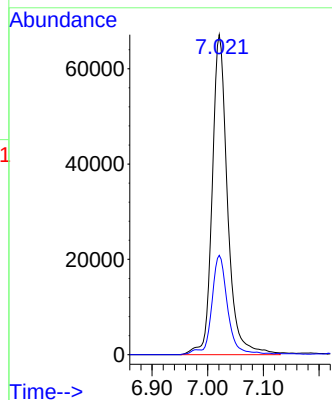
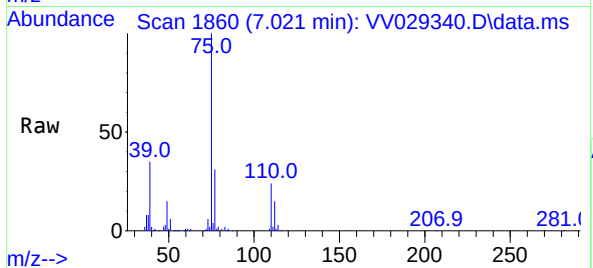




#39
cis-1,3-Dichloropropene
Concen: 4.572 ug/L
RT: 7.021 min Scan# 1860
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

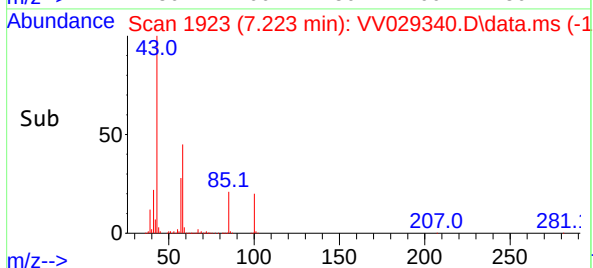
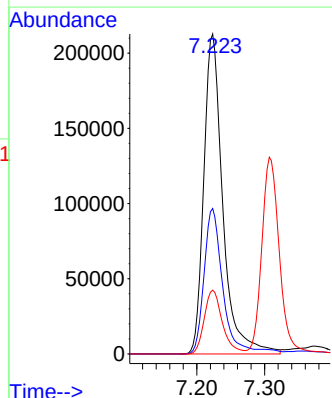
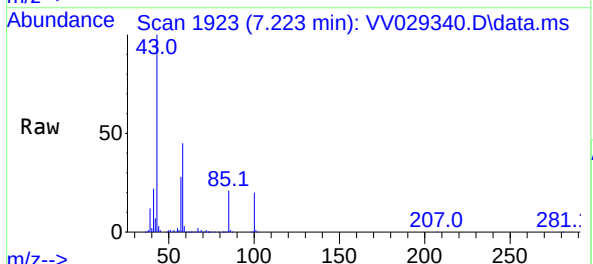
Instrument : MSVOA_V
ClientSampleId :

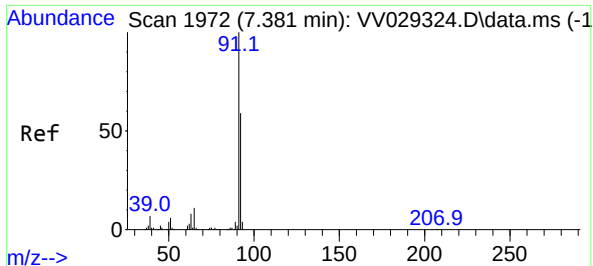
Tgt Ion: 75 Resp: 128705
Ion Ratio Lower Upper
75 100
77 31.0 22.7 42.3



#40
4-Methyl-2-pentanone
Concen: 46.037 ug/L
RT: 7.223 min Scan# 1923
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 43 Resp: 414834
Ion Ratio Lower Upper
43 100
58 44.0 35.3 52.9
100 19.1 15.3 22.9





#42

Toluene

Concen: 4.640 ug/L

RT: 7.381 min Scan# 1972

Delta R.T. -0.000 min

Lab File: VV029340.D

Acq: 24 Nov 2022 10:32

Instrument :

MSVOA_V

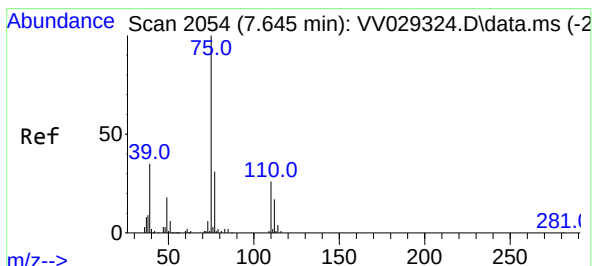
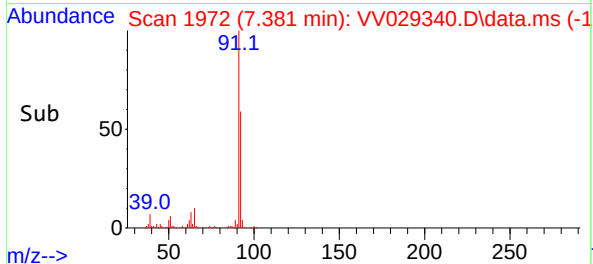
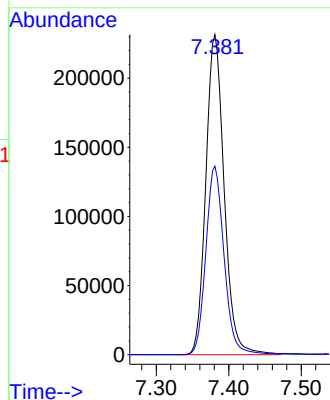
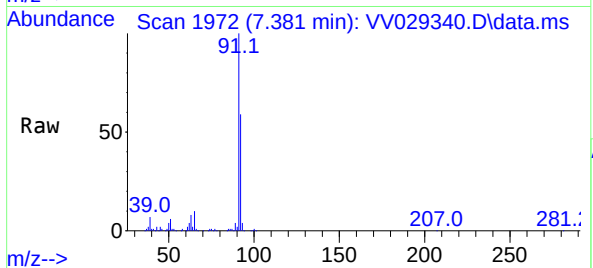
ClientSampleId :

Tgt Ion: 91 Resp: 407048

Ion Ratio Lower Upper

91 100

92 58.9 40.8 75.8



#44

trans-1,3-Dichloropropene

Concen: 4.481 ug/L

RT: 7.644 min Scan# 2054

Delta R.T. -0.000 min

Lab File: VV029340.D

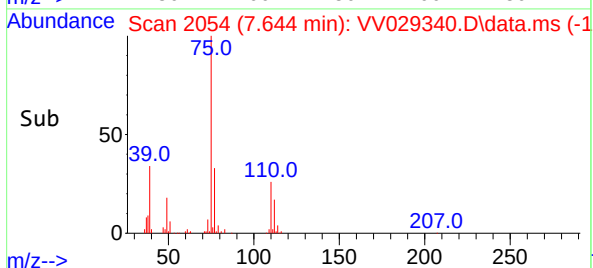
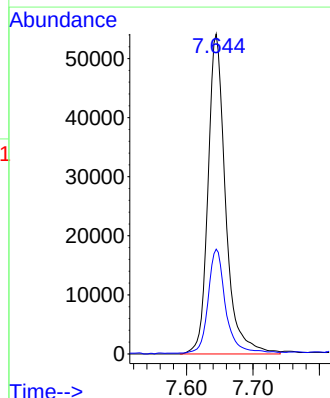
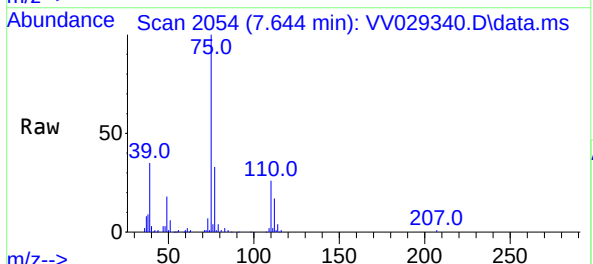
Acq: 24 Nov 2022 10:32

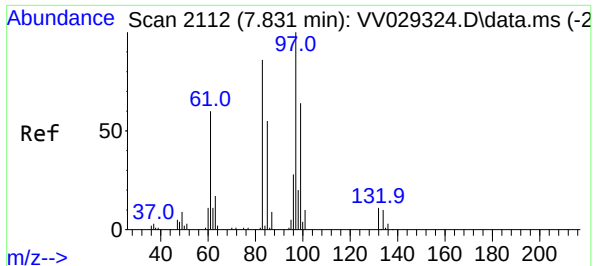
Tgt Ion: 75 Resp: 99911

Ion Ratio Lower Upper

75 100

77 32.7 22.4 41.6



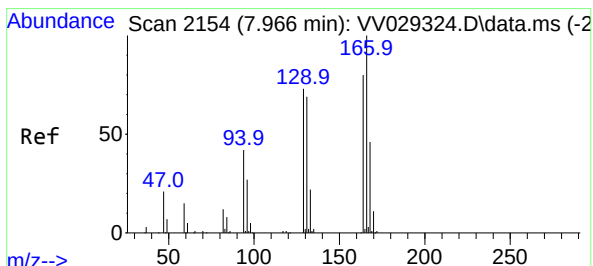
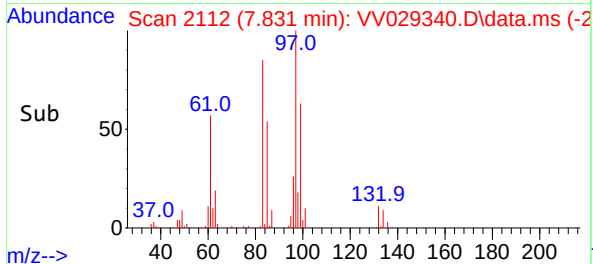
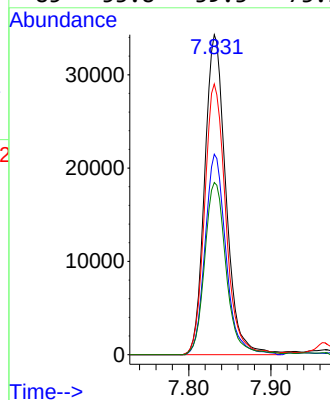
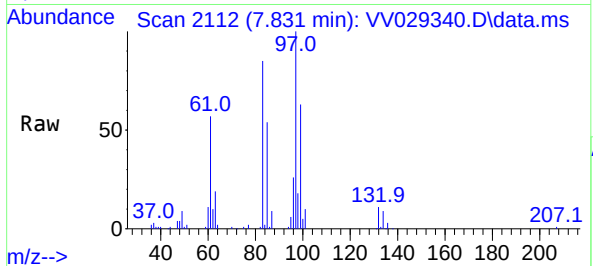


#45
1,1,2-Trichloroethane
Concen: 4.729 ug/L
RT: 7.831 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion: 97 Resp: 61649

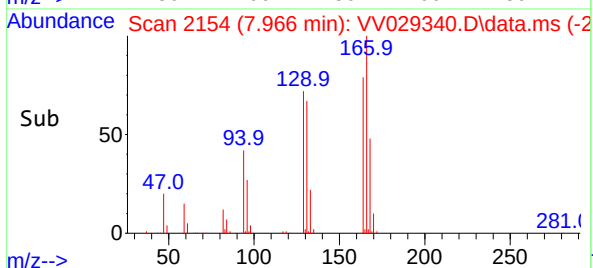
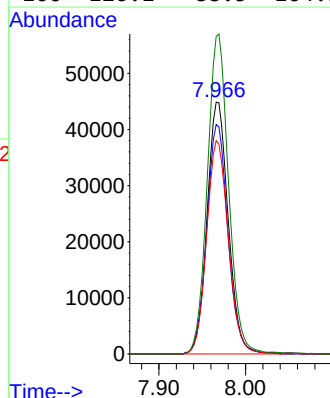
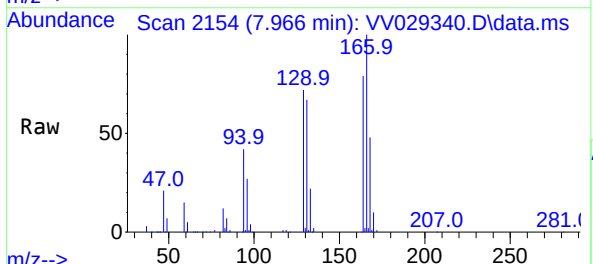
Ion	Ratio	Lower	Upper
97	100		
99	62.6	44.4	82.5
83	84.6	59.5	110.5
85	53.8	39.3	73.1

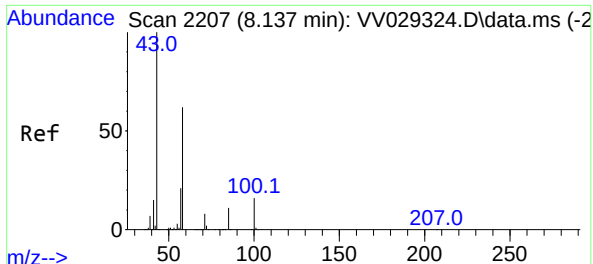


#47
Tetrachloroethene
Concen: 4.463 ug/L
RT: 7.966 min Scan# 2154
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 164 Resp: 76297

Ion	Ratio	Lower	Upper
164	100		
129	91.1	61.7	114.7
131	84.7	62.9	116.9
166	126.1	88.5	164.3





#48

2-Hexanone

Concen: 42.150 ug/L

RT: 8.136 min Scan# 21

Delta R.T. -0.000 min

Lab File: VV029340.D

Acq: 24 Nov 2022 10:32

Instrument :

MSVOA_V

ClientSampleId :

Tgt Ion: 43 Resp: 264775

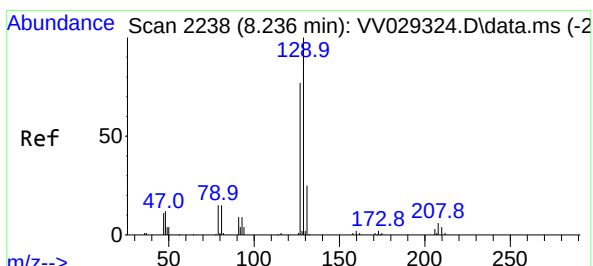
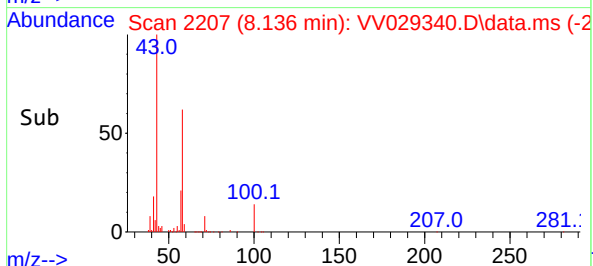
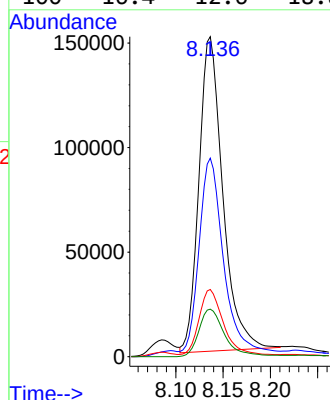
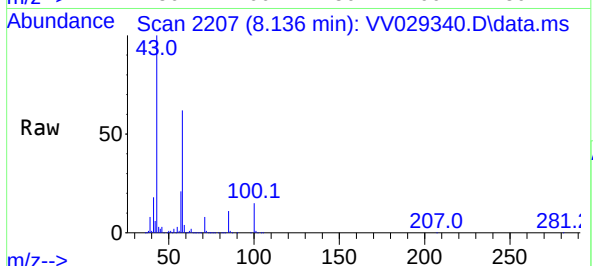
Ion Ratio Lower Upper

43 100

58 66.7 49.4 74.0

57 21.2 16.9 25.3

100 16.4 12.6 18.8



#49

Dibromochloromethane

Concen: 4.715 ug/L

RT: 8.236 min Scan# 2238

Delta R.T. -0.000 min

Lab File: VV029340.D

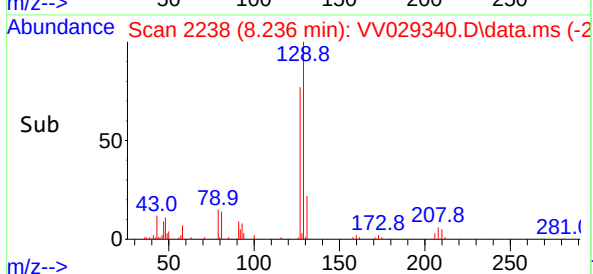
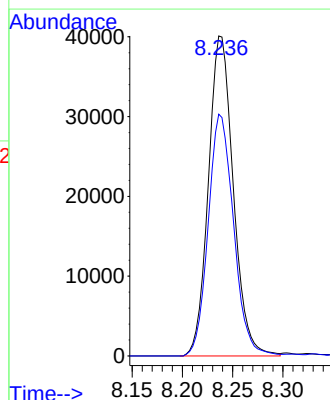
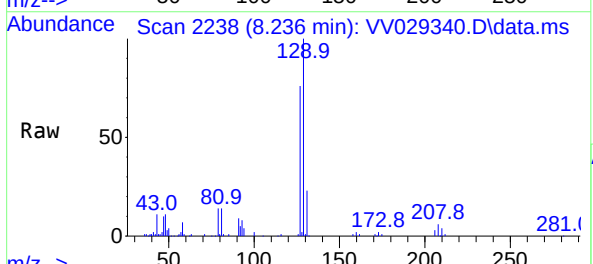
Acq: 24 Nov 2022 10:32

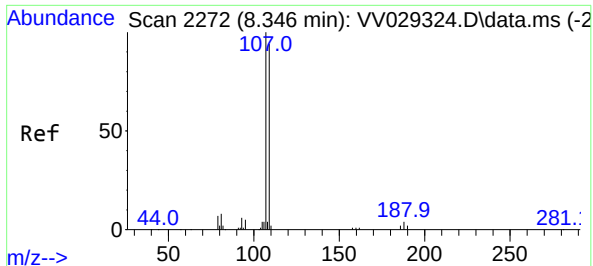
Tgt Ion:129 Resp: 69140

Ion Ratio Lower Upper

129 100

127 75.6 53.1 98.7



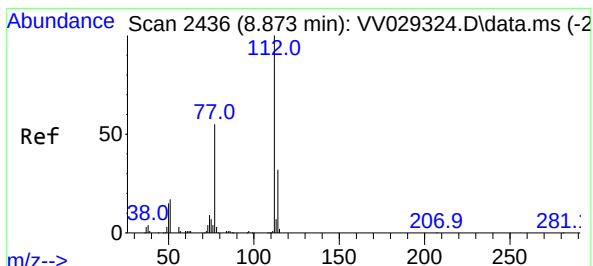
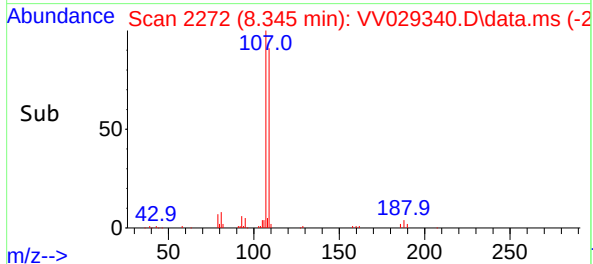
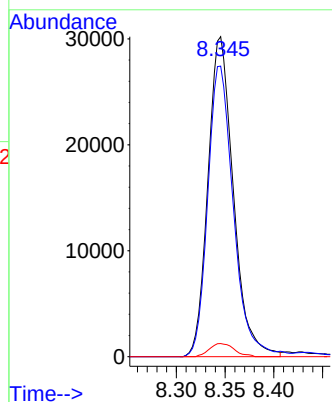
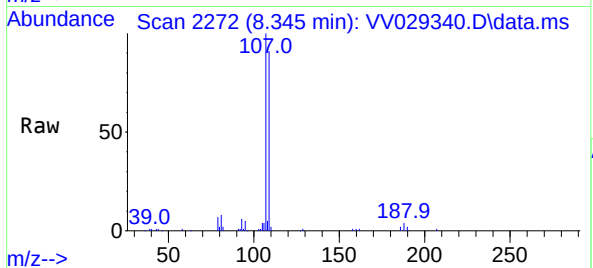


#50
1,2-Dibromoethane
Concen: 4.811 ug/L
RT: 8.345 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:107 Resp: 54731

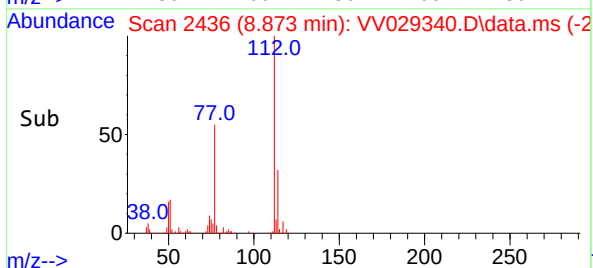
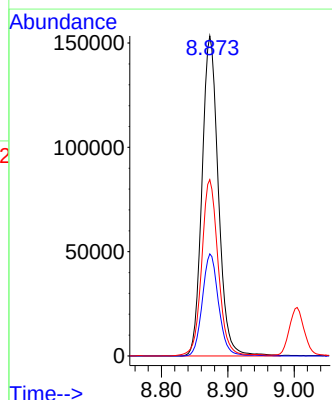
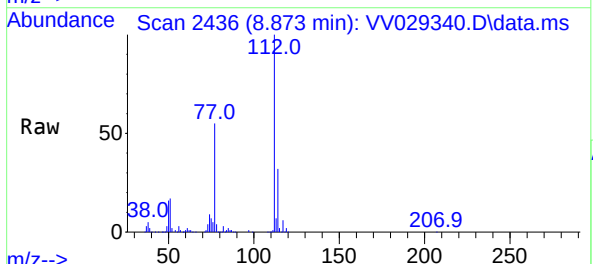
Ion	Ratio	Lower	Upper
107	100		
109	90.8	64.0	118.8
188	4.1	3.0	4.4

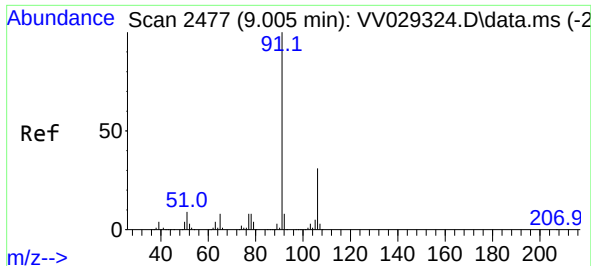


#51
Chlorobenzene
Concen: 4.788 ug/L
RT: 8.873 min Scan# 2436
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion:112 Resp: 262585

Ion	Ratio	Lower	Upper
112	100		
114	31.9	22.9	42.5
77	55.1	45.3	67.9

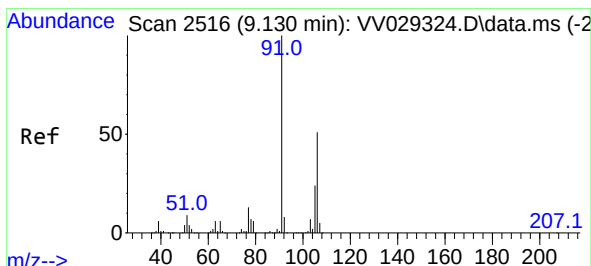
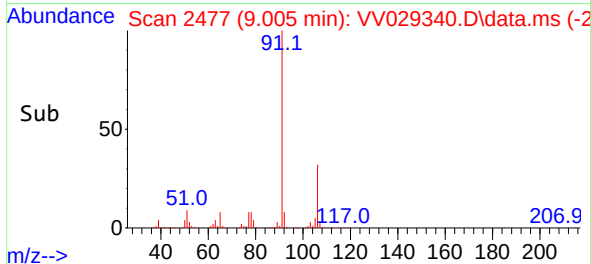
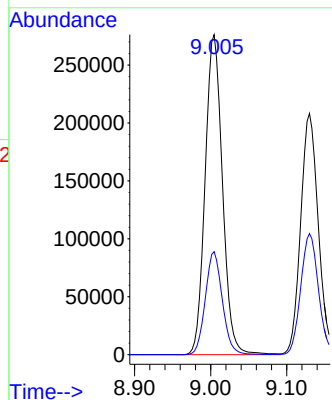
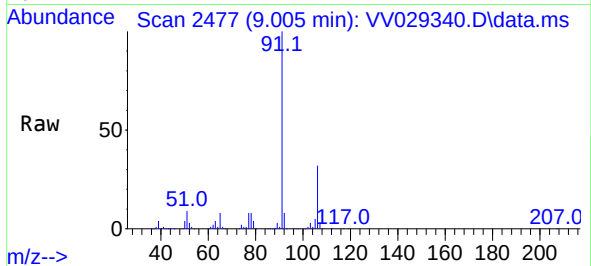




#52
Ethylbenzene
Concen: 4.789 ug/L
RT: 9.005 min Scan# 2477
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

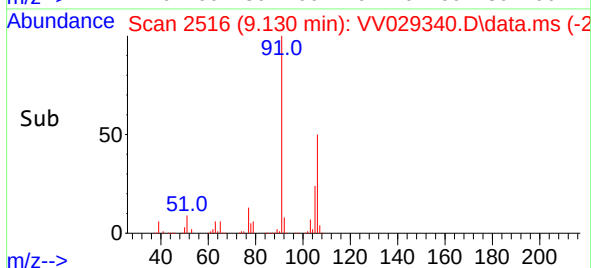
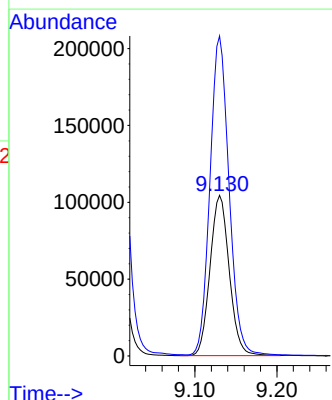
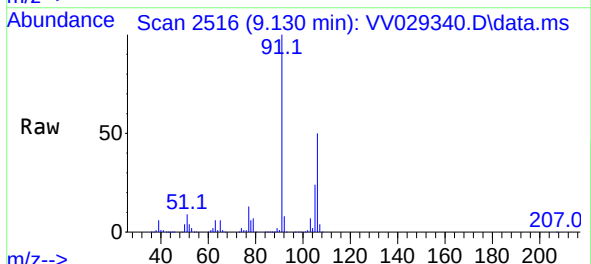
Instrument :
MSVOA_V
ClientSampleId :

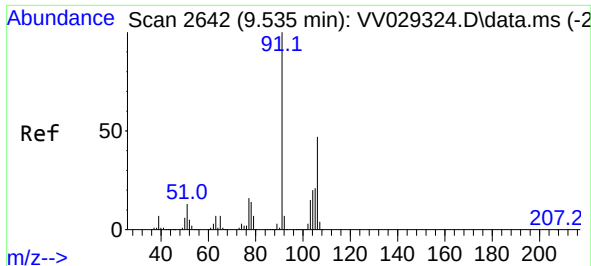
Tgt Ion: 91 Resp: 438089
Ion Ratio Lower Upper
91 100
106 32.2 21.9 40.7



#53
m,p-Xylene
Concen: 4.709 ug/L
RT: 9.130 min Scan# 2516
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion:106 Resp: 169897
Ion Ratio Lower Upper
106 100
91 199.3 140.6 261.2

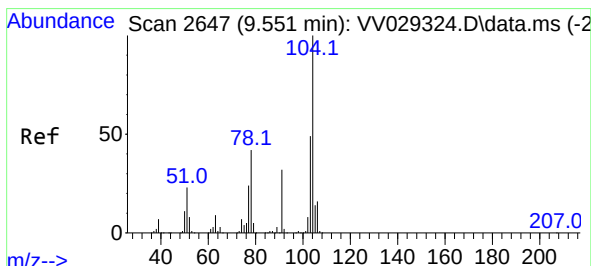
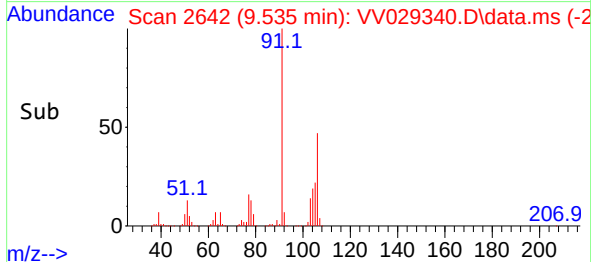
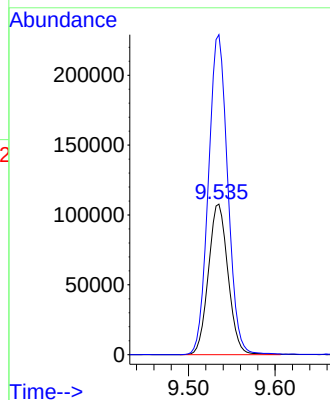
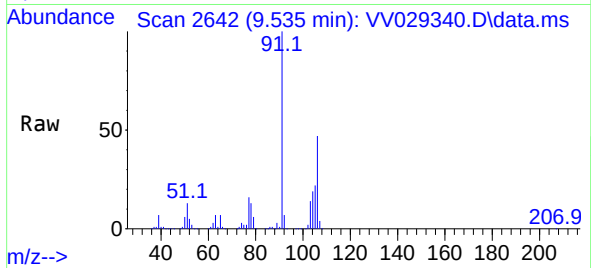




#54
o-Xylene
Concen: 4.785 ug/L
RT: 9.535 min Scan# 2642
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

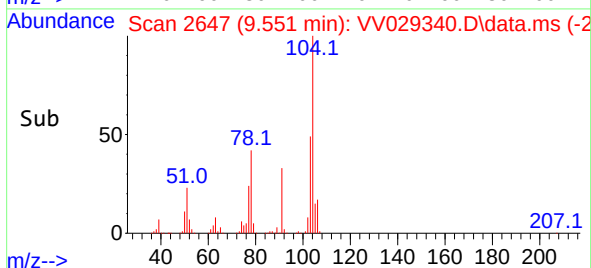
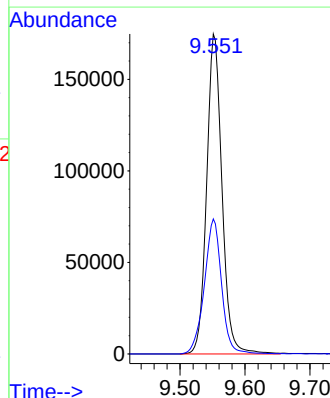
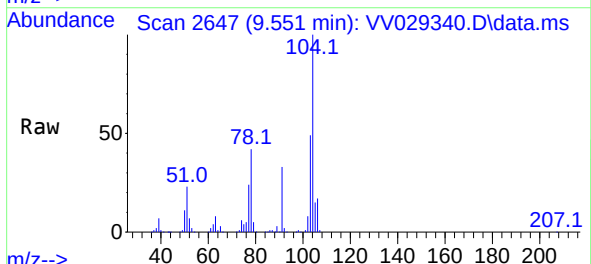
Instrument :
MSVOA_V
ClientSampleId :

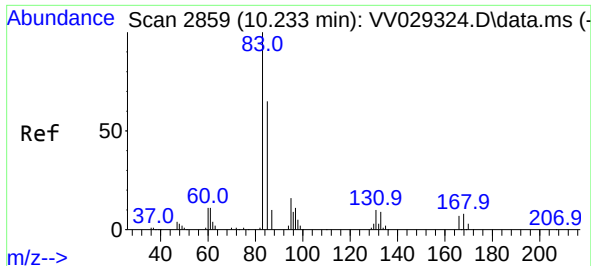
Tgt Ion:106 Resp: 169565
Ion Ratio Lower Upper
106 100
91 212.5 146.9 272.9



#55
Styrene
Concen: 4.813 ug/L
RT: 9.551 min Scan# 2647
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion:104 Resp: 287905
Ion Ratio Lower Upper
104 100
78 42.2 29.9 55.5

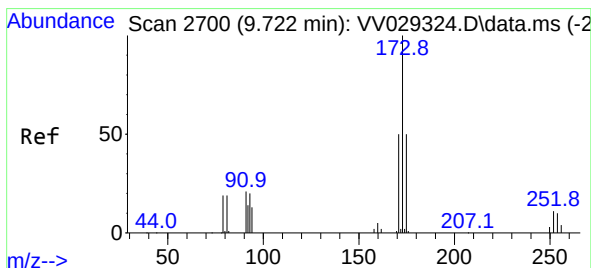
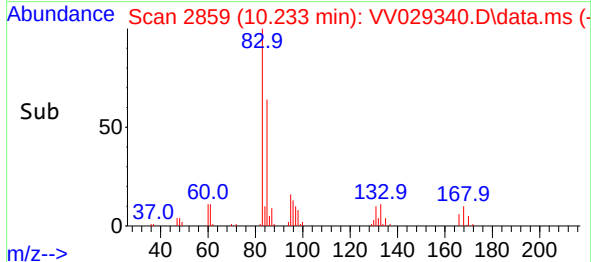
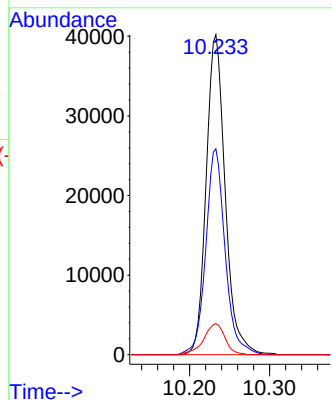
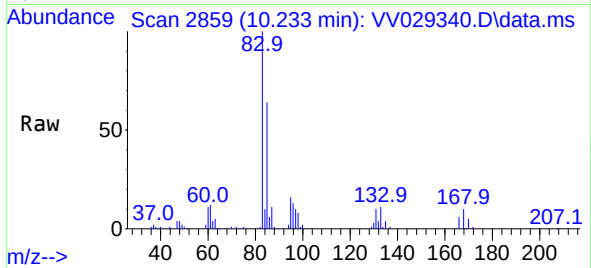




#57
1,1,2,2-Tetrachloroethane
Concen: 4.936 ug/L
RT: 10.233 min Scan# 2859
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

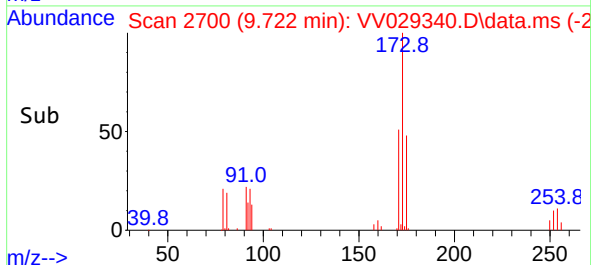
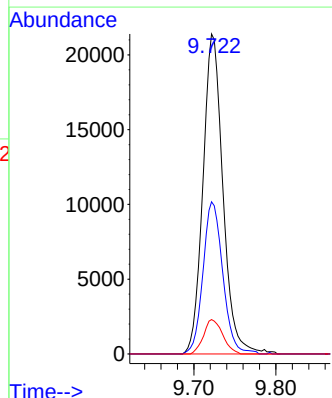
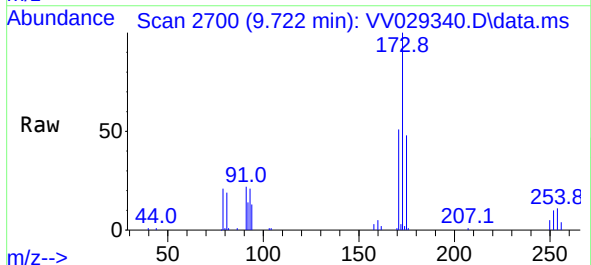
Instrument :
MSVOA_V
ClientSampleId :

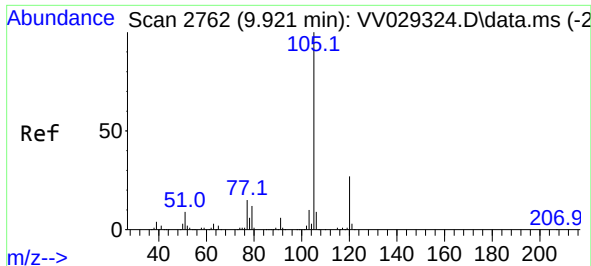
Tgt Ion:	83	Resp:	66583
Ion	Ratio	Lower	Upper
83	100		
85	64.4	45.5	84.5
131	9.7	8.2	12.2



#59
Bromoform
Concen: 4.997 ug/L
RT: 9.722 min Scan# 2700
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

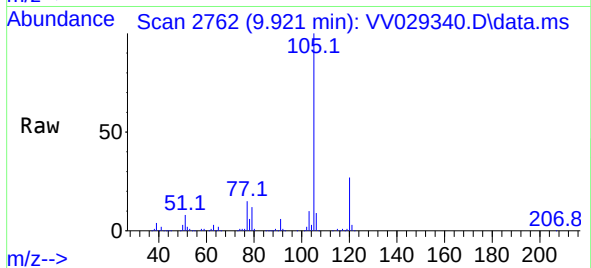
Tgt Ion:	173	Resp:	36283
Ion	Ratio	Lower	Upper
173	100		
175	47.1	38.6	58.0
254	10.3	8.3	12.5



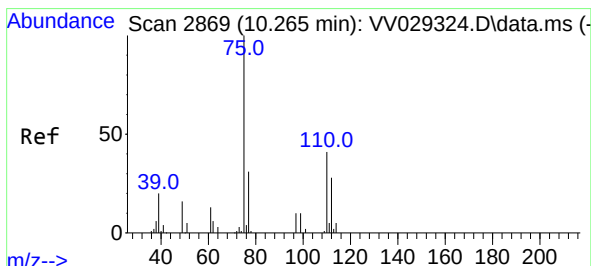
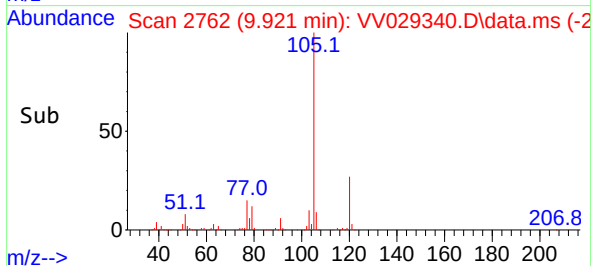
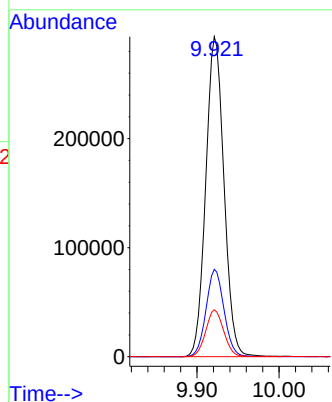


#60
Isopropylbenzene
Concen: 5.057 ug/L
RT: 9.921 min Scan# 21
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

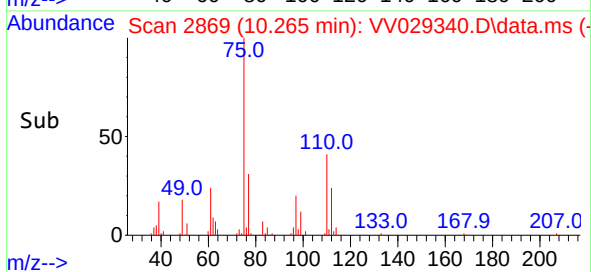
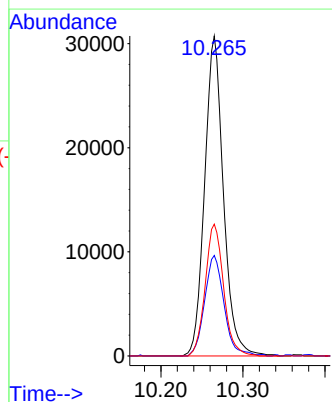
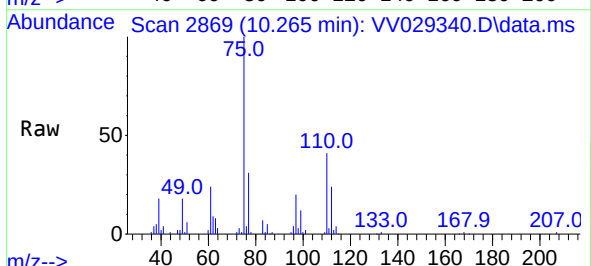


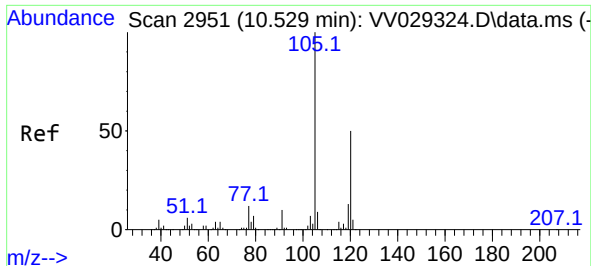
Tgt Ion:105 Resp: 451905
Ion Ratio Lower Upper
105 100
120 26.9 21.4 32.2
77 14.5 11.8 17.8



#61
1,2,3-Trichloropropane
Concen: 5.113 ug/L
RT: 10.265 min Scan# 2869
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion: 75 Resp: 49010
Ion Ratio Lower Upper
75 100
77 32.5 26.7 40.1
110 40.3 32.2 48.4





#62

1,3,5-Trimethylbenzene

Concen: 4.820 ug/L

RT: 10.529 min Scan# 2951

Delta R.T. -0.000 min

Lab File: VV029340.D

Acq: 24 Nov 2022 10:32

Instrument :

MSVOA_V

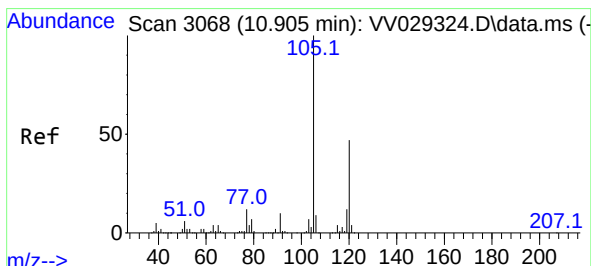
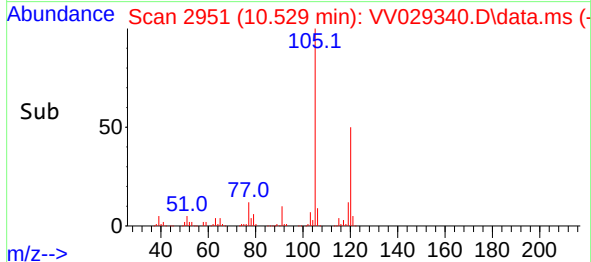
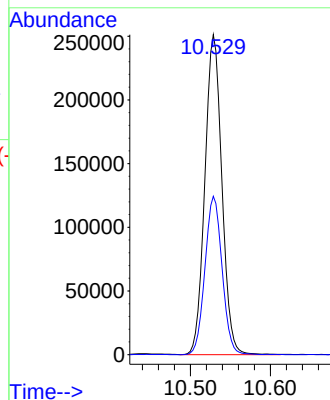
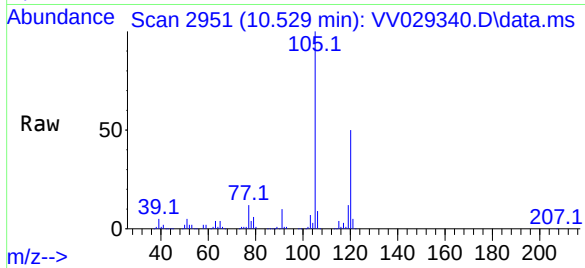
ClientSampleId :

Tgt Ion:105 Resp: 372966

Ion Ratio Lower Upper

105 100

120 49.8 39.6 59.4



#63

1,2,4-Trimethylbenzene

Concen: 4.799 ug/L

RT: 10.905 min Scan# 3068

Delta R.T. -0.000 min

Lab File: VV029340.D

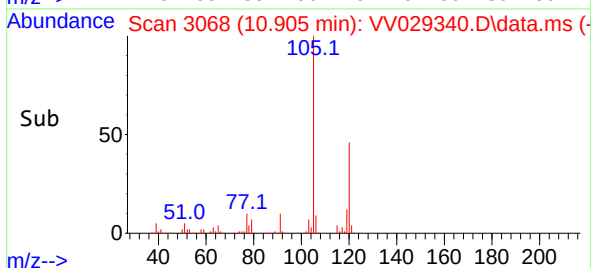
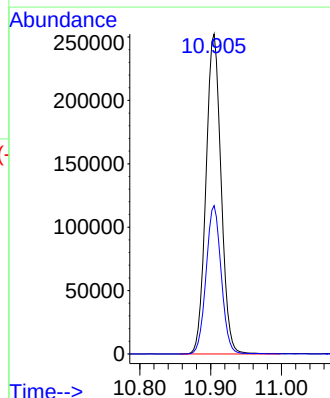
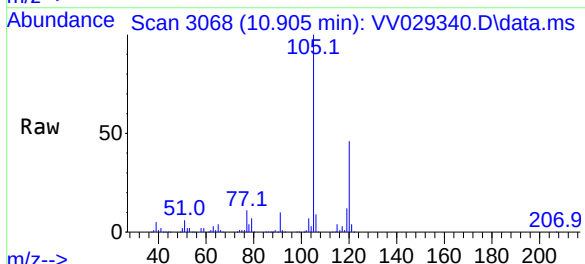
Acq: 24 Nov 2022 10:32

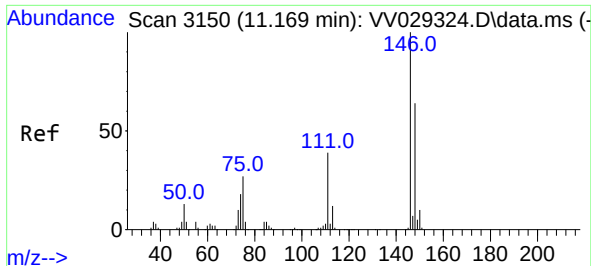
Tgt Ion:105 Resp: 373484

Ion Ratio Lower Upper

105 100

120 46.3 37.2 55.8

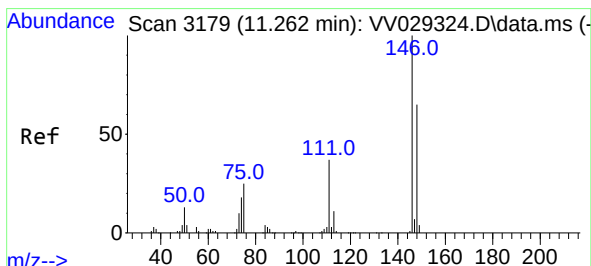
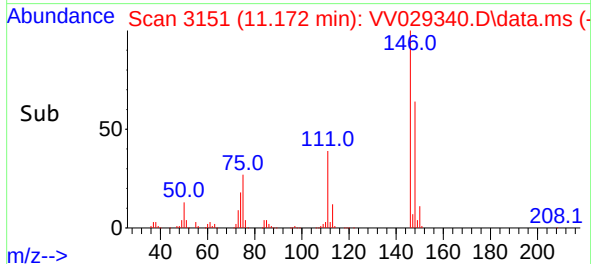
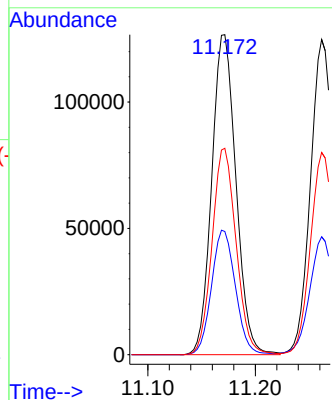
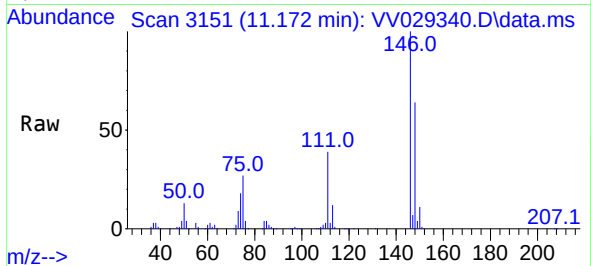




#64
1,3-Dichlorobenzene
Concen: 4.755 ug/L
RT: 11.172 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

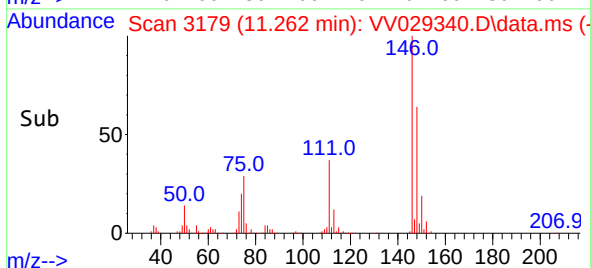
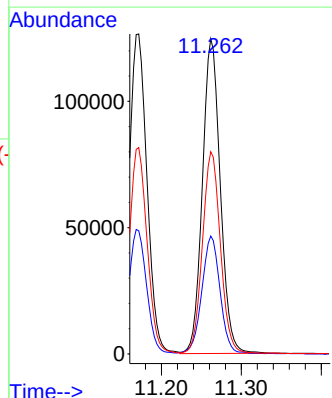
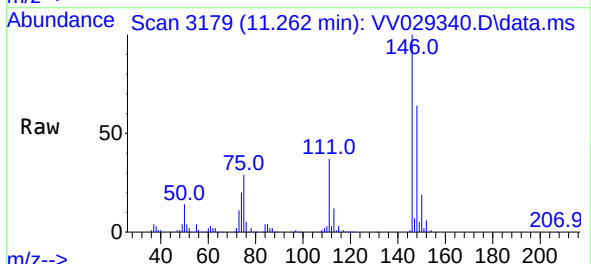
Instrument :
MSVOA_V
ClientSampleId :

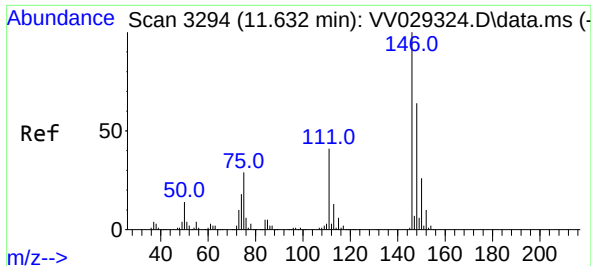
Tgt Ion:146 Resp: 198218
Ion Ratio Lower Upper
146 100
111 38.5 26.3 48.9
148 64.5 44.4 82.4



#65
1,4-Dichlorobenzene
Concen: 4.709 ug/L
RT: 11.262 min Scan# 3179
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion:146 Resp: 194228
Ion Ratio Lower Upper
146 100
111 37.4 26.0 48.4
148 64.1 44.7 82.9





#67

1,2-Dichlorobenzene

Concen: 4.780 ug/L

RT: 11.631 min Scan# 31

Delta R.T. -0.000 min

Lab File: VV029340.D

Acq: 24 Nov 2022 10:32

Instrument :

MSVOA_V

ClientSampleId :

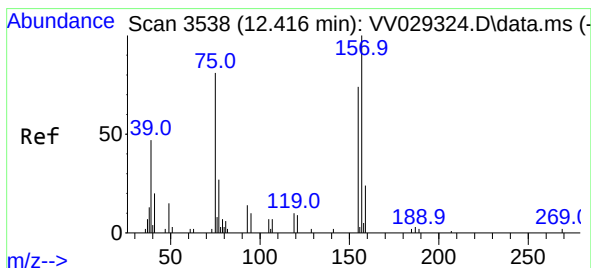
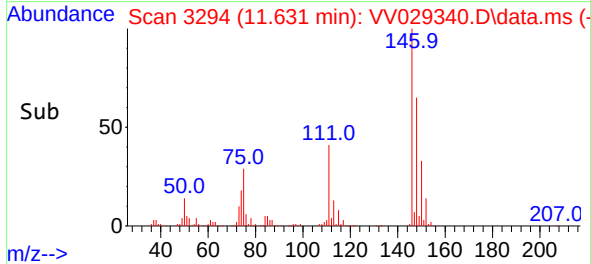
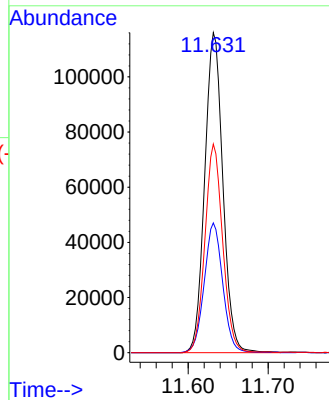
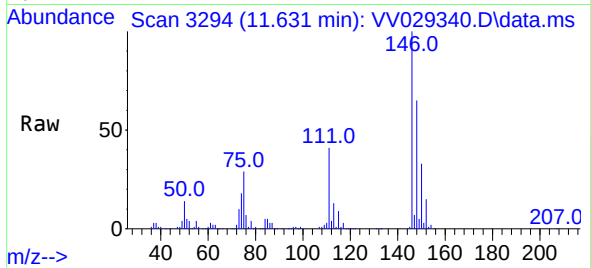
Tgt Ion:146 Resp: 183583

Ion Ratio Lower Upper

146 100

111 40.5 33.5 50.3

148 65.2 50.7 76.1



#68

1,2-Dibromo-3-chloropropane

Concen: 4.708 ug/L

RT: 12.416 min Scan# 3538

Delta R.T. -0.000 min

Lab File: VV029340.D

Acq: 24 Nov 2022 10:32

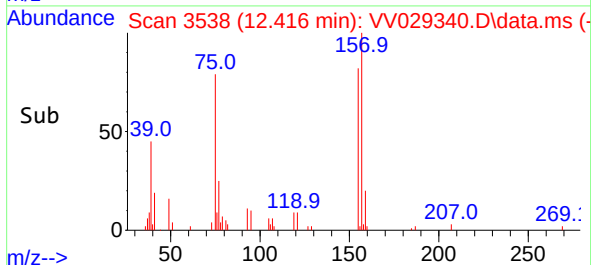
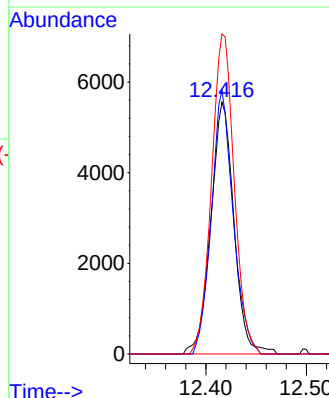
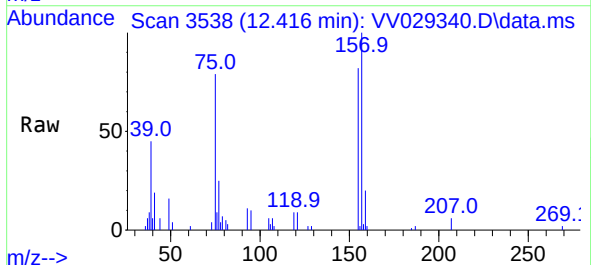
Tgt Ion: 75 Resp: 8864

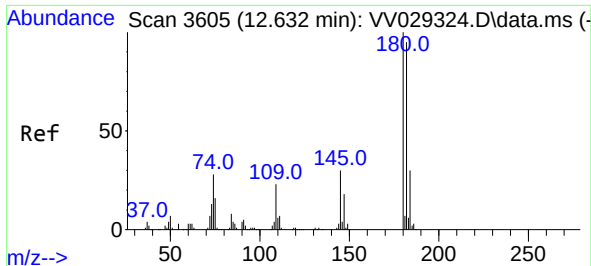
Ion Ratio Lower Upper

75 100

155 104.6 76.6 115.0

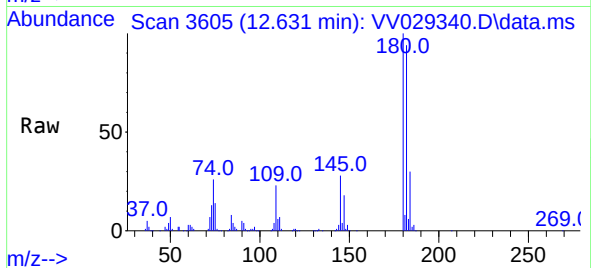
157 127.1 96.9 145.3



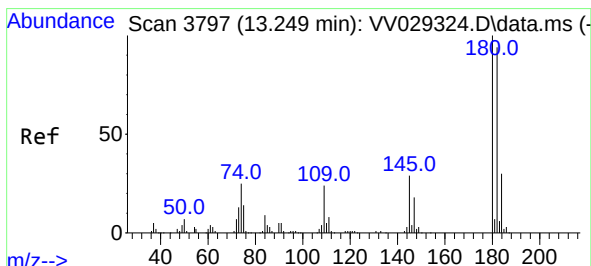
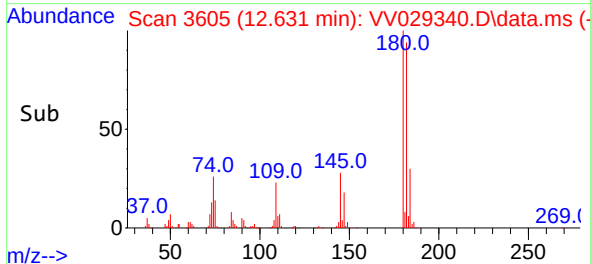
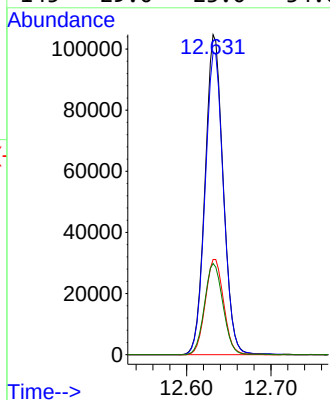


#69
1,3,5-Trichlorobenzene
Concen: 4.563 ug/L
RT: 12.631 min Scan# 3605
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

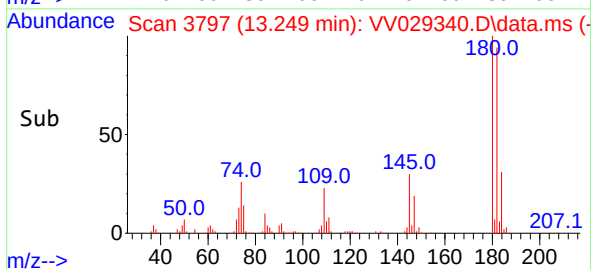
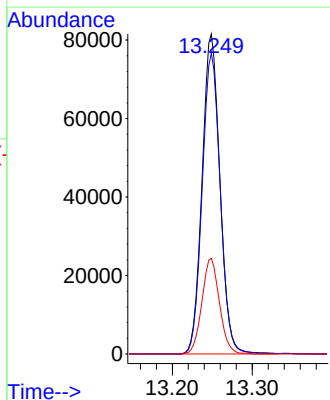
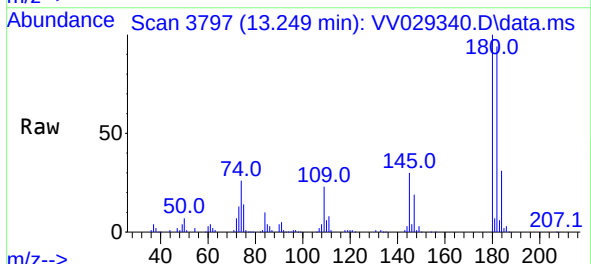


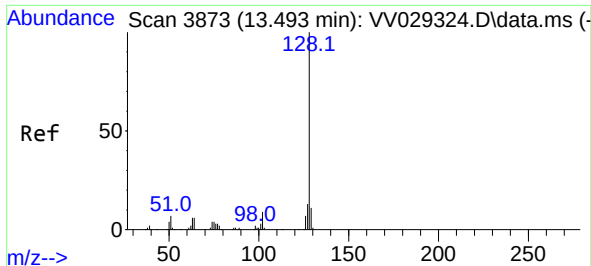
Tgt Ion:180 Resp: 156715
Ion Ratio Lower Upper
180 100
182 95.6 77.0 115.6
184 30.1 24.4 36.6
145 29.0 23.0 34.6



#70
1,2,4-trichlorobenzene
Concen: 4.555 ug/L
RT: 13.249 min Scan# 3797
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion:180 Resp: 126768
Ion Ratio Lower Upper
180 100
182 95.2 76.2 114.4
145 29.4 23.4 35.0

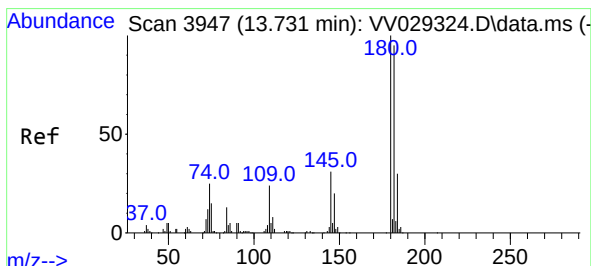
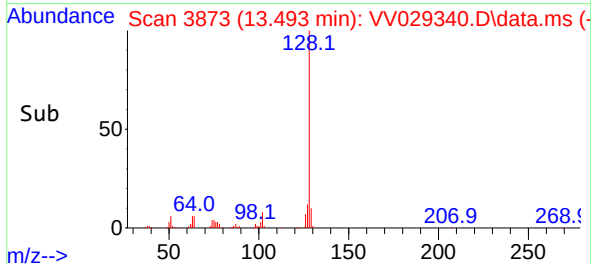
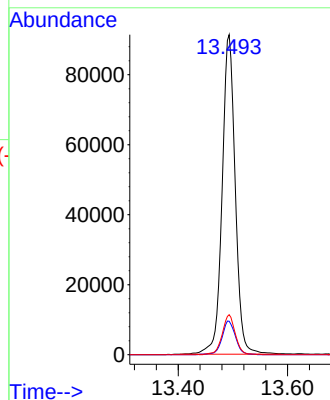
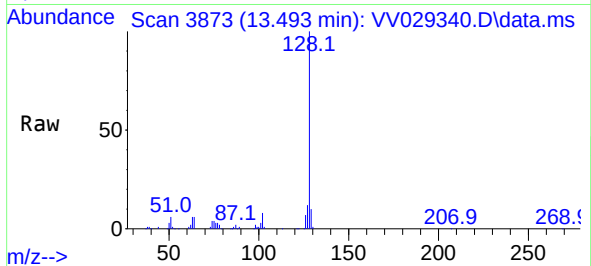




#71
Naphthalene
Concen: 6.316 ug/L
RT: 13.493 min Scan# 3873
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Instrument :
MSVOA_V
ClientSampleId :

Tgt Ion:128 Resp: 152187
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 12.5 10.6 15.8



#72
1,2,3-Trichlorobenzene
Concen: 4.760 ug/L
RT: 13.731 min Scan# 3947
Delta R.T. -0.000 min
Lab File: VV029340.D
Acq: 24 Nov 2022 10:32

Tgt Ion:180 Resp: 107842
Ion Ratio Lower Upper
180 100
182 95.8 75.0 112.4
145 31.6 25.2 37.8

